

E03/10.1:
Цитати на научни публикации

- **Звено:** (ИИКТ) Институт по информационни и комуникационни технологии
- **Година:** 2016 ÷ 2016
- **Тип записи:** Записи, които влизат в отчета на звеното

Брой цитирани публикации: 378

Брой цитиращи източници: 743

1988

1. Andreev, A.B., Lazarov, R.D.. Superconvergence of the gradient for quadratic triangular finite elements. Numer. Methods for PDEs, 4, 1988, 15-32

Цитира се в:

1. Kumar, Mukesh, Trond Kvamsdal, and Kjetil André Johannessen. "Superconvergent patch recovery and a posteriori error estimation technique in adaptive isogeometric analysis." Computer Methods in Applied Mechanics and Engineering (2016)., @2016

1989

2. Andreev, R.D.. Algorithm for Clipping Arbitrary Polygons. Computer Graphics Forum, 8, 3, Wiley, 1989, ISSN:1467-8659, DOI:10.1111/j.1467-8659.1989.tb00484.x, 183-191. ISI IF:1.642

Цитира се в:

2. Mengyun Zhou, Jing Chen & Jianya Gong, Rendering interior-filled polygonal vector data in a virtual globe. International Journal of Geographical Information Science, vol. 30, no. 9, 2016, ISSN: 1365-8816 (Print) 1362-3087 Online, DOI: 10.1080/13658816.2016.1165819, @2016
3. Zhi-Jie Wang, b, , Xiao Linc, , Mei-E Fangd, , Bin Yaoa, , Yong Pengd, , Haibing Guana, , Minyi Guoa, . RE2L: An efficient output-sensitive algorithm for computing boolean operations on circular-arc polygons and its applications. Computer-Aided Design, vol. 83, 2016, pp. 1-14, doi:10.1016/j.cad.2016.07.004, ISSN: 0010-4485, , @2016

1992

3. Andreev A. B., Kascieva V. A., Vanmaele M.. Some results in lumped mass finite-element approximation of eigenvalue problems using numerical quadrature formulas. Journal of Computational and Applied Mathematics, 43, 3, Elsevier, 1992, ISSN:03770427, 291-311. SJR:1.104

Цитира се в:

4. Zhang, Huirong, and Jianwen Cao. "A combinatorial efficient algorithm for elliptic eigenvalue problems." Journal of Algorithms & Computational Technology (2016): page 1/103

1748301816651942., **@2016**

5. Treyssède, F. "Spectral element computation of high-frequency leaky modes in three-dimensional solid waveguides." Journal of Computational Physics 314 (2016): 341-354., **@2016**

1993

4. Peneva, V., **Popchev, I.** An algorithm for comparison of fuzzy sets. 60, 1, Elsevier, 1993, ISSN:0165-0114, 59-65

Цитира се в:

6. ILIEVA, Galina. TOPSIS Modification with Interval Type-2 Fuzzy Numbers. Cybernetics and Information Technologies, 2016, 16.2: 60-68. /Cybernetics and Information Technologies. Volume 16, Issue 2, Pages 60–68, ISSN (Online) 1314-4081, DOI: 10.1515/cait-2016-0020, June 2016/, **@2016**

5. **Dimov, I. T.**, Tonev, O.. Monte Carlo Algorithms: Performance Analysis for Some Computer Architectures. Journal of Computational and Applied Mathematics, 48, 3, Elsevier, 1993, DOI:10.1016/0377-0427(93)90024-6, 253-277-277. ISI IF:1.266

Цитира се в:

7. Tian, Y., Yan, Z.-Z., Monte Carlo Method for Solving a Parabolic Problem, Thermal Science 20 (3), 2016, 933-937. Vinca Inst Nuclear Sci. DOI: 10.2298/TSCI1603933T. ISSN: 0354-9836. SJR(2015): 0.463. IF (2015): 0.939. 5-year IF: 0.955., **@2016**

1994

6. Lirkov, I., Margenov, S., Vassilevski, P.. Circulant block-factorization preconditioners for elliptic problems. Computing, 53, 1, Springer, 1994, ISSN:0010-485X, DOI:10.1007/BF02262108, 59-74. SJR:0.644, ISI IF:0.424

Цитира се в:

8. Matti Schneider, Dennis Merkert, Matthias Kabel, FFT-based homogenization for microstructures discretized by linear hexahedral elements, International J. for Numerical Methods in Engineering, DOI: 10.1002/nme.5336, 2016, **@2016**

7. Megson, G., Aleksandrov, V., **Dimov, I. T.**. SYSTOLIC MATRIX INVERSION USING A MONTE CARLO METHOD. Parallel Algorithms and Applications, 3, 3-4, Taylor & Francis Group, 1994, DOI:10.1080/10637199408962545, 311-330-330

Цитира се в:

9. Lai, S., Yang, Y., Guo, M., & Lin, X. (2016, October). Parallel Computation of Reverse PageRank Problem with Evaluating Single Page. In Big Data and Cloud Computing (BDCloud), Social Computing and Networking (SocialCom), Sustainable Computing and Communications (SustainCom)(BDCloud-SocialCom-SustainCom), 2016 IEEE International Conferences on (pp. 75-80). IEEE., **@2016**

8. Narula, S.C., **Kirilov, L.**, Vassilev, V.. An Interactive Algorithm for Solving Multiple Objective Nonlinear Programming Problems. Multiple Criteria Decision Making, Proceedings of the Tenth International Conference: Expand and Enrich the Domains of Thinking and Application (Eds.: G. H. Tzeng, H. F. Wang, U. P. Wen, P. L. Yu), Springer-Verlag New York, Inc., 1994, ISBN:978-1-4612-7626-5, 119-127

Цитира се в:

10. Kaisa Miettinen, Jussi Hakanen, Dmitry Podkopaev (2016) Interactive Nonlinear Multiobjective Optimization Methods, Multiple Criteria Decision Analysis - State of the Art Surveys (Eds.: Salvatore Greco, Matthias Ehrgott, José Rui Figueira), International Series in Operations Research & Management Science, Volume 233, 2016, Print ISBN 978-1-4939-3093-7, Series ISSN 0884-8289, Springer New York, **@2016**
9. Narula, S.C., **Kirilov, L.**, Vassilev, V.. Reference Direction Approach for Solving Multiple Objective Nonlinear Programming Problems. IEEE Transactions on Systems, Man, and Cybernetics: Systems (former IEEE Transactions on Systems, Man, and Cybernetics), vol. 24, No 5, IEEE Systems, Man, and Cybernetics Society, <http://www.ieeesmc.org/>, 1994, ISSN:2168-2216, DOI:10.1109/21.293497, 804-806. ISI IF:1.598

Цитира се в:

11. Kaisa Miettinen, Jussi Hakanen, Dmitry Podkopaev (2016) Interactive Nonlinear Multiobjective Optimization Methods, Multiple Criteria Decision Analysis - State of the Art Surveys (Eds.: Salvatore Greco, Matthias Ehrgott, José Rui Figueira), International Series in Operations Research & Management Science, Volume 233, 2016, Print ISBN 978-1-4939-3093-7, Series ISSN 0884-8289, Springer New York, **@2016**
12. Mehrdad Ghaznavi; Mohammad Ilati; Esmaile Khorram (2016) An interactive algorithm for solving multiobjective optimization problems based on a general scalarization, Iranian Journal of Numerical Analysis and Optimization, Vol. 6, No. 1, pp. 79-100, ISSN: 2423-6977, **@2016**

1995

10. Gallivan, K., Hansen, P. C., **Ostromsky, Tz.**, Zlatev, Z.. A locally optimized reordering algorithm and its application to a parallel sparse linear system solver. Computing, 54, 1, Springer-Verlag, 1995, ISSN:0010-485X, DOI:10.1007/BF02238079, 39-67. SJR:0.501, ISI IF:0.593

Цитира се в:

13. Davis, T.A., Rajamanickam, S. and Sid-Lakhdar, W.M. (2016) 'A survey of direct methods for sparse linear systems', Acta Numerica, Vol. 25, pp. 383–566, Cambridge University Press, 2016. doi: 10.1017/S0962492916000076 [IF: 9.000 (2015)], **@2016**
14. Timothy A. Davis, Sivasankaran Rajamanickam, Wissam Sid-Lakhdar, A survey of direct methods for sparse linear systems. Tech Report, Texas A&M University, Department of Computer Science and Engineering., **@2016**

1996

11. **Dimov, I.** T., Jaekel, U., Vereecken, H. A numerical approach for determination of sources in transport equations. Computers & Mathematics with Applications, 32, 5, Elsevier, 1996, ISSN:0898-1221, DOI:10.1016/0898-1221(96)00133-2, 31-42. ISI IF:1.697

Цитира се в:

15. 曹彤彤, 曾献奎, 吴吉春, & 卢文喜. (2016). 基于伴随状态方法的地下水污染源识别研究. 高校地质学报, 22(3), 563-571., @2016

12. **Aleksandrov L.**, Djidjev H.. Linear Algorithms for Partitioning Embedded Graphs of Bounded Genus. SIAM Journal on Discrete Mathematics, 9, 1, Elsevier, 1996, ISSN:0012-365X, 129-150. ISI IF:0.6

Цитира се в:

16. Eli Fox-Epstein, Shay Mozes, Phitchaya Mangpo Phothilimthana, and Christian Sommer, Short and Simple Cycle Separators in Planar Graphs, ACM Journal of Experimental Algorithms, Volume 21, Issue 2. pp. 1-24, 2016. doi: 10.1145/2957318, @2016

17. Borradaile, Glencora, Erin Wolf Chambers, Kyle Fox, and Amir Nayyeri, Minimum cycle and homology bases of surface embedded graphs, in LIPIcs-Leibniz International Proceedings in Informatics, vol. 51, Schloss Dagstuhl-Leibniz-Zentrum fuer Informatik, 2016. ISBN: 978-3-95977-009-5 ISSN: 1868-8969 doi: <http://dx.doi.org/10.4230/LIPIcs.SoCG.2016.23>, @2016

18. McClain James, On Exactitude in Geographic Information Science, Diss. Florida State University, Tallahassee, FL, USA, 2016., @2016

13. **Ostromsky, Tz.**, Hansen, P.C., Zlatev, Z.. A parallel sparse QR-factorization algorithm. Lecture Notes in Computer Science (LNCS), 1041, Springer-Verlag, 1996, ISSN:0302-9743, DOI:10.1007/3-540-60, 462-472. SJR:0.331

Цитира се в:

19. David Antony Brown, Efficient Homotopy Continuation Algorithms with Application to Computational Fluid Dynamics. PhD Thesis, Department of Aerospace Science and Engineering, University of Toronto, March 2016., @2016

1997

14. **Gouljashki V., Kirilov L.**, Narula S., Vassilev V.. A Reference Direction Interactive Algorithm of the Multiple Objective Nonlinear Integer Programming. Lecture Notes in Economics and Mathematical Systems, 448, Springer, 1997, ISBN:978-3-540-62097-6, ISSN:0075-8442, 308-317. ISI IF:5

Цитира се в:

20. Tochev A., (2016), "Heuristics and Metaheuristics for Single- and Multi-objective Flexible Job Shop Scheduling Problems", In: Proceedings of the International Conference Information Technologies (InfoTech 2016), 30-th issue, (Editor Prof. Radi Romanski), ISSN: 1314-1023, 20.-21. September, 2016, Varna – St. St. Constantine and Elena resort, Bulgaria, pp. 124-133., @2016

- 15.** Tagarev, T.. The Role of Military Education in Harmonizing Civil-Military Relations (The Bulgarian Case). NATO Democratic Institutions Individual Fellowship Project Final Report, 1997

Цитира се в:

- 21.** Avila - Goldman, A. Defence ‘And’ Development: A Case Study of the Philippines, PhD Thesis, Cranfield University, Department of Defence and Security, 2016, **@2016**
- 22.** Yoga, I., Masrukhi, M., Hardyanto, W. Developing a Model of Learning Management of the Semester Credit System in Magelang Military Academy, The Journal of Educational Development, Semarang State University, 4 (1), pp. 91-98, 2016, e-ISSN 2502-4469, **@2016**
- 23.** Јуришић, Д. Могућности оружаних снага Босне и Херцеговине у пружању помоћи цивилним властима у ванредним ситуацијама, Докторска дисертација, Београд, Универзитет у Београду, Факултет Безбедности, 2016, **@2016**

1998

- 16.** Dimov, I. T., Alexandrov, V.N.. A new highly convergent Monte Carlo method for matrix computations. Mathematics and Computers in Simulation, 47, 2, Elsevier, 1998, ISSN:0378-4754, DOI:10.1016/S0378-4754(98)00101-3, 165-181-181. ISI IF:0.949

Цитира се в:

- 24.** Benzi, M., Evans, T. M., Hamilton, S. P., Pasini, M. L., Slattery, S. R., Analysis of Monte Carlo Accelerated Iterative Methods for Sparse Linear Systems, Numerical Linear Algebra with Applications, 2016. ISSN: 1070-5325. IF (2015): 1.431. 5-year IF: 1.513., **@2016**
- 17.** Stoilova K., Stoilov T. Traffic Noise and Traffic Light Control. International Journal of Transportation Research, Part D, 3, 6, Elsevier for hard journal, e-version - Pergamon, 1998, ISSN:1361-9209, DOI:[http://dx.doi.org/10.1016/S1361-9209\(98\)00017-0](http://dx.doi.org/10.1016/S1361-9209(98)00017-0), 399-417

Цитира се в:

- 25.** Gardziejczyk Wl., Motylewicz M. Noise level in the vicinity of signalized roundabouts, J. Transportation Research Part D Transport and Environment 46, ISSN 1361-9209:128-144, April 2016, **@2016**
- 26.** Dima Khraisat |, Refqa Adel . NOISE_EFFECT_ON_HUMAN_AVERAGE_AGE. International Educational Scientific Research Journal. E-ISSN No : 2455-295X , Volume : 2 , Issue: 6 , June 2016, p.101-103., **@2016**
- 27.** Daljeet Singh, Nigam S. P., Agrawal V. P. , Kumar M. Modelling and Analysis of Urban Traffic Noise System Using Algebraic Graph Theoretic Approach. J. Acoustics Australia, issue 4, vol.2, 2016, ISSN: 0814-6039 (Print) 1839-2571 (Online), IF 0.625, pp 1-13, **@2016**
- 18.** Ostromsky, Tz., Hansen, P. C., Zlatev, Z.. A coarse-grained parallel QRfactorization algorithm for sparse least squares problems. Parallel Computing, 24, 5-6, Elsevier, 1998, ISSN:0167-8191, DOI:10.1016/S0167-8191(98)00034-9, 937-964. SJR:1.232, ISI IF:1.511

Цитира се в:

- 28.** Davis, T.A., Rajamanickam, S. and Sid-Lakhdar, W.M. (2016) ‘A survey of direct methods

for sparse linear systems', Acta Numerica, Vol. 25, pp. 383–566, Cambridge University Press, 2016. doi: 10.1017/S0962492916000076 [IF: 9.000 (2015)], **@2016**

29. Timothy A. Davis, Sivasankaran Rajamanickam, Wissam Sid-Lakhdar, A survey of direct methods for sparse linear systems. Tech Report, Texas A&M University, Department of Computer Science and Engineering., **@2016**
19. **Dimov, I.** T., Dimov, T.T., **Gurov, T.V.**. A new iterative Monte Carlo approach for inverse matrix problem. Journal of Computational and Applied Mathematics, 92, 1, Elsevier, 1998, DOI:10.1016/S0377-0427(98)00043-0, 15-35-35. ISI IF:1.266

Цитира се в:

30. Ji, H. Novel Monte Carlo Methods for Large-Scale Linear Algebra Operations, Old dominion university, USA, 2016., **@2016**
31. Tao Wu, David F. Gleich, Multi-way Monte Carlo Method for Linear Systems, Subjects: Numerical Analysis (cs.NA); Artificial Intelligence (cs.AI) Cite as: arXiv:1608.04361 [cs.NA] , (or arXiv:1608.04361v1 [cs.NA], **@2016**
32. Tian, Y., Yan, Z.-Z., Monte Carlo Method for Solving a Parabolic Problem, Thermal Science 20 (3), 2016, 933-937. Vinca Inst Nuclear Sci. DOI: 10.2298/TSCI1603933T. ISSN: 0354-9836. SJR(2015): 0.463. IF (2015): 0.939. 5-year IF: 0.955., **@2016**
20. **Dimov, I.** T., **Karaivanova, A.**. Parallel computations of eigenvalues based on a Monte Carlo approach. Monte Carlo Methods and Applications, 4, VSP, Berlin, Germany : De Gruyter, 1998, ISSN:0929-9629, 33-52

Цитира се в:

33. Weng, P.C.-Y., Phoa, F.K.H., Small-sample Statistical Condition Estimation of Large-scale Generalized Eigenvalue Problems, Journal of Computational and Applied Mathematics 298, 2016, 24-39. Elsevier. DOI: 10.1016/j.cam.2015.11.022. ISSN: 0377-0427. SJR(2015): 1.089. IF (2015): 1.328. 5-year IF: 1.294., **@2016**

1999

21. **Mihov, S.**. Direct construction of minimal acyclic finite states automata. Annuaire de l'Universite de Sofia St. Kl. Ohridski, Faculté de mathématiques et Informatique, 92, 2, 1999

Цитира се в:

34. Noureddine Doumi, Ahmed Lehireche, Denis Maurel, Ahmed Abdelali A Semi-Automatic and Low Cost Approach to Build Scalable Lemma-based Lexical Resources for Arabic Verbs International Journal of Information Technology and Computer Science(IJITCS) IJITCS Vol. 8, No. 2, February 2016 ISSN: 2074-9007 (Print), ISSN: 2074-9015 (Online) DOI: 10.5815/ijites, **@2016**
22. Peneva, V., **Popchev, I.**. Fuzzy logic operations in decision making. Cybernetics and Sysytems an Internationa Journal, 30, 8, Taylor & Francis, 1999, ISSN:0196-9722, DOI:10.1080/019697299124966, 725-745. SJR:0.235

Цитира се в:

35. Daniela Borissova. Group Decision Making for Selection of K-Best Alternatives. - Comptes rends de l'Academie bulgar des Sciences. Tome 69, No. 2, 2016, 183-190., **@2016**
23. Atanasov, E., Dimov, I. T.. A new optimal Monte Carlo method for calculating integrals of smooth functions. Monte Carlo Methods and Applications, 5, VSP, 1999, 149-168

Цитира се в:

36. De Luigi, C., Lelong, J., Maire, S., Robust Adaptive Numerical Integration of Irregular Functions with Applications to Basket and Other Multi-dimensional Exotic Options, Applied Numerical Mathematics 100, 2016, 14-30. Elsevier. DOI: 10.1016/j.apnum.2015.11.001. ISSN: 0168-9274. SJR(2015): 1.254. IF (2015): 1.414. 5-year IF: 1.271., **@2016**

2000

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

Цитира се в:

37. Dimiter Tsvetkov, Lyubomir Hristov, Ralitsa Angelova-Slavova (2016) One method to check the population homogeneity of a test, In: {it Mathematics and Education in Mathematics}, Proc. 45-th Conf. of the Union of Bulgarian Mathematicians, 187-193., **@2016**
38. Гергова, Д. (2016). Оценяването по чужди езици в българското училище. Докторска дисертация, Нов български университет, **@2016**

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

Цитира се в:

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

26. Aleksandrov L., Maheshwari A., Sack J.-R.. Approximation algorithms for geometric shortest path problems. in Proc. 32nd ACM Symp. on Theory of computing (STOC00), ACM, New York, NY, 2000, 286-295

Цитира се в:

40. Yu Jingyi, Computational camera and illumination techniques for recovering "invisible" phenomenon, Doct. Diss., University of Delaware, Newark, DE, USA, 2016., **@2016**

27. Tsekova, K.V., Marinov, P.G., Tzekova, A.N.. Copper accumulation by Aspergillus awamori. Folia Microbiologica, 45, 3, 2000, ISSN:0015-5632, 217-220. ISI IF:1.335

Цитира се в:

41. Podder, M.S., Majumder, C.B. Bioaccumulation of As(III)/As(V) ions by living cells of Corynebacterium glutamicum MTCC 2745. (2016) Separation Science and Technology

(Philadelphia), 51 (18), pp. 2970-2990., **@2016**

42. Açıkel, Ü., Erşan, M. Investigation of inhibition kinetics of Zn(II) Ions on the acid phosphatase activity and growth of R. delemar and Zn(II) bioaccumulation. (2016) Desalination and Water Treatment, 57 (8), pp. 3689-3699., **@2016**
28. Daciuk, J., **Mihov, S.**, Watson, B. W., Watson, R. E.. Incremental Construction of Minimal Acyclic Finite-State Automata. Computational Linguistics, 26, 1, MIT Press Journals, 2000, ISSN:0891-2017, 3-16. SJR:2.425, ISI IF:2.417

Измисле във:

43. Shuhei Denzumi, Ryo Yoshinaka, Hiroki Arimura, Shin-ichi Minato, Sequence binary decision diagram: Minimization, relationship to acyclic automata, and complexities of Boolean set operations, Discrete Applied Mathematics, Volume 212, 30 October 2016, Pages 61-80, ISSN 0166-218X, **@2016**
44. Strauß, T., Leifert, G., Grüning, T., Labahn, R. Regular expressions for decoding of neural network outputs (2016) Neural Networks, 79, pp. 1-11., **@2016**
45. Marco A. Valenzuela-Escarcega, Gus Hahn-Powell, Dane Bell, Mihai Surdeanu SnapToGrid: From Statistical to Interpretable Models for Biomedical Information Extraction arXiv:1606.09604 Submitted on 30 Jun 2016, **@2016**
46. Noureddine Doumi, Ahmed Lehireche, Denis Maurel, Ahmed Abdelali A Semi-Automatic and Low Cost Approach to Build Scalable Lemma-based Lexical Resources for Arabic Verbs International Journal of Information Technology and Computer Science(IJITCS) IJITCS Vol. 8, No. 2, February 2016 ISSN: 2074-9007 (Print), ISSN: 2074-9015 (Online) DOI: 10.5815/ijitcs, **@2016**
47. Calvo, M., Hurtado, L.-F., Garcia, F., Sanchis, E., Segarra, E. Multilingual Spoken Language Understanding using graphs and multiple translations (2016) Computer Speech and Language, 38, pp. 86-103., **@2016**
48. Simone Brognoli, Gianfranco Lamperti, and Michele Scandale Incremental Determinization of Expanding Automata The Computer Journal 2016 : bxw044v1-27., **@2016**
49. Johann Schlampl, Matthias Wählisch, Thomas C. Schmidt, Georg Carle, Ernst W. Biersack CAIR: Using Formal Languages to Study Routing, Leaking, and Interception in BGP arXiv:1605.00618 (Submitted on 2 May 2016), **@2016**
50. Lamperti, G., Scandale, M., Zanella, M. Determinization and minimization of finite acyclic automata by incremental techniques (2016) Software - Practice and Experience, 46 (4), pp. 513-549., **@2016**
51. Marco Antonio Valenzuela Escárcega, Interpretable Models for Information Extraction Ph.D. Thesis The University of Arizona, 2016., **@2016**
52. Calvo Lance, M. (2016). A Strategy for Multilingual Spoken Language Understanding Based on Graphs of Linguistic Units [Tesis doctoral no publicada]. Universitat Politècnica de València. doi:10.4995/Thesis/10251/62407., **@2016**
29. Koprinkova, P.. Membership functions shape and its influence on the dynamical behaviour of fuzzy logic controller. Cybernetics and Systems, 31, 2, Taylor & Francis, 2000, ISSN:0196-9722, DOI:10.1080/019697200124865, 161-173. ISI IF:0.888

Цитира се в:

53. Aleksandra Rutkowska, Influence of membership function's shape on portfolio optimization results, Journal of Artificial Intelligence and Soft Computing Research, 2016, Vol. 6, No. 1, pp.45-54, DOI 10.1515/jaiscr-2016-0005, **@2016**

2001

30. **Dimov, I. T.**, Aleksandrov, V., **Karaivanova, A.**. Parallel resolvent Monte Carlo algorithms for linear algebra problems. Mathematics and Computers in Simulation, 55, 1-3, Elsevier, 2001, ISSN:0378-4754, DOI:10.1016/S0378-4754(00)00243-3, 25-35. ISI IF:0.949

Цитира се в:

54. Benzi, M., Evans, T. M., Hamilton, S. P., Pasini, M. L., Slattery, S. R., Analysis of Monte Carlo Accelerated Iterative Methods for Sparse Linear Systems. NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS, 2016. ISSN: 1070-5325. IF (2015): 1.431. 5-year IF: 1.513. URL: http://www.mathcs.emory.edu/~benzi/Web_papers/mcsa.pdf. Article in press., **@2016**
55. Wu, T., & Gleich, D. F. (2016). Multi-way Monte Carlo Method for Linear Systems. arXiv preprint arXiv:1608.04361., **@2016**

31. Kiryakov, A., **Simov, K.**, Dimitrov, M.. OntoMap: Portal for upper-level ontologies. 2001

Цитира се в:

56. KONTOPOULOS, Efstratios, et al. An ontology-based decision support tool for optimizing domestic solar hot water system selection. Journal of Cleaner Production, doi:10.1016/j.jclepro.2015.08.088, Volume 112, Part 5, 20 January 2016, Pages 4636–4646, (in Scopus, Web of Knowledge)., **@2016**
32. **Boytcheva, S.**, Dobrev, P., **Angelova, G.**. CGExtract: Towards extraction of conceptual graphs from controlled English. In Supplementary proceedings of the 9th International Conference of Conceptual Structures (ICCS-2001), 41, Stanford University Press, California, USA, Published by CEUR-WS, 2001, ISSN:1613-0073, 89-116

Цитира се в:

57. Bogatyrev, M., & Samodurov, K. (2016). Framework for Conceptual Modeling on Natural Language Texts. In CDUD 2016—The 3rd International Workshop on Concept Discovery in Unstructured Data (p. 13-24).The proceedings are also published online on the CEUR-Workshop web site, Vol. 1625, in a series with ISSN 1613-0073 (SCOPUS, SJR 0.136), **@2016**
33. **Gurov T.**, Whitlock P., **Dimov I.**. A Grid Free Monte Carlo Algorithm for Solving Elliptic Boundary Value Problems. LNCS, 1988, Springer, 2001, ISSN:0302-9743, 359-367. SJR:0.252

Цитира се в:

58. Madalina Deaconu, Samuel Herrmann, Initial-Boundary Value Problem for the heat equation - A stochastic algorithm, Probabilités et statistiques, IECL - Institut Élie Cartan de Lorraine, space-time-dirichlet-HAL.pdf, **@2016**

34. Zlatev, Z., **Dimov, I. T.**, Ostromsky, Tz., Geernaert, G., Tzvetanov, I, Bastrup-Birk, A. Calculating losses of crops in Denmark caused by high ozone levels. Environmental Modeling & Assessment, 6, 1, Kluwer Academic Publishers, 2001, ISSN:1420-2026, Online ISSN1573-2967, DOI:10.1023/A:1011554912198, 35-55. ISI IF:1.074

Цитира се в:

59. Jean-François Castell, Didier Le Thiec, Impacts de l'ozone sur l'agriculture et les forêts et estimation des coûts économiques, «Pollution atmosphérique, climat, santé, société» N° 229-230, pp. 2268-3798 (2016), ISSN: 0032-3632. [SJR (2015): 0.103], **@2016**

35. **Simov, K.**, Osenova, P.. A Hybrid System for MorphoSyntactic Disambiguation in Bulgarian. 2001, 288-290

Цитира се в:

60. Alexander Popov. Deep Learning Architecture for Part-of-Speech Tagging with Word and Suffix Embeddings. Artificial Intelligence: Methodology, Systems, and Applications Volume 9883 of the series Lecture Notes in Computer Science pp 68-77. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986216134&partnerID=40&md5=900c6b835bfaff435b0a1c243fa78e5d> DOI: 10.1007/978-3-319-44748-3_7, **@2016**

36. **Dimov, I. T.**, Faragó, I., Havasi, Á, Zlatev, Z.. L-Community of the Operators in Splitting Methods for Air Pollution Models. Annales Universitatis Scientiarum Budapestinensis, 44, 2001, 129-150-150. SJR:0.164

Цитира се в:

61. Ladics, T., Convergence of Operator Splittings for Locally Lipschitz-Continuous Operators in Banach Spaces, Computers and Mathematics with Applications 71 (1), 2016, 57-75. Elsevier. DOI: 10.1016/j.camwa.2015.10.015. ISSN: 0898-1221. SJR(2015): 1.092. IF (2015): 1.398. 5-year IF: 1.873., **@2016**

2002

37. **Fidanova S.**. Evolutionary Algorithm for Multiple Knapsack Problem. Parallel Problems Solving From Nature, Real World Optimization Using Evolutionary Computing, 2002, ISBN:0-9543481-0-9

Цитира се в:

62. Singh, G. and Jain, L., Increasing Impact of ACO in solving Rectangular Packing Problems, International Journal of Recent Trends in Engineering & Research, Vol. 2(5), ISSN: 2455-1457, IF 3.344, 2016, 16-26., **@2016**

38. Mascagni, M., **Karaivanova, A.**. A parallel Quasi-Monte Carlo method for solving systems of linear equations. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2330, PART 2, 2002, ISSN:0302-9743, 598-608. SJR:0.252

Цитира се в:

63. Ji, Hao, Novel Monte Carlo Methods for Large-Scale Linear Algebra Operations (2016).

Computer Sciences Theses & Dissertations., **@2016**

39. **Simov, K., Osenova, P., Slavcheva, M.**, Kolhovska, S., Balabanova, E., Doikov, D., Ivanova, K., Simov, A., Kouylekov, M.. Building a Linguistically Interpreted Corpus of Bulgarian: the BulTreeBank. 2002

Цитира се в:

64. Todor Mihaylov; Preslav Nakov. Hunting for Troll Comments in News Community Forums. Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics, pages 399–405, , **@2016**
65. Alexander Popov. 2016. Deep Learning Architecture for Part-of-Speech Tagging with Word and Suffix Embeddings. Artificial Intelligence: Methodology, Systems, and Applications Volume 9883 of the series Lecture Notes in Computer Science pp 68-77. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986216134&partnerID=40&md5=900c6b835bfaff435b0a1c243fa78e5d> DOI: 10.1007/978-3-319-44748-3_7, **@2016**
40. **Simov, K., Popova, G., Osenova, P.**. HPSG-based syntactic treebank of Bulgarian (BulTreeBank). 2002

Цитира се в:

66. Sandra Kübler, Desislava Zheкова. Multilingual coreference resolution. Language and Linguistics Compass. v.10, 11. DOI: 10.1111/lnc3.12208. pp. 614-631. 2016., **@2016**
41. Elsner, L., **Monov, V.**, Szulc, T.. On some properties of convex matrix sets characterized by P-matrices and block P-matrices. Linear and Multilinear Algebra, 50, 3, Taylor & Francis LTD, 2002, ISSN:0308-1087, 199-218. ISI IF:0.353

Цитира се в:

67. Rotondo, D., M. Witczak, V. Puig, F. Nejjari, M. Pazera. Robust unknown input observer for state and fault estimation in discrete-time Takagi–Sugeno systems, International Journal of Systems Science, Vol. 47, Issue 14, 2016., **@2016**
68. Witczak , M., J. Kórbicz, M. de Rozprza-Faygel, D. Rotondo, V. Puig. Towards a practical reachability test for dynamic systems under process faults, Proc. of the 21st International Conference on Methods and Models in Automation and Robotics (MMAR), pp. 889-894, 29 Aug.-1 Sept. 2016, Miedzyzdroje, Poland, , Electronic ISBN: 978-1-5090-1866-6, Print ISBN: 978-1-5090-1715-7., **@2016**
42. Schulz, K. U., **Mihov, S.**. Fast string correction with Levenshtein automata. International Journal on Document Analysis and Recognition, 5, 1, 2002, ISSN:1433-2833, DOI:10.1007/s10032-002-0082-8, 67-85. SJR:1.018, ISI IF:1.315

Цитира се в:

69. Kissos, I., Dershowitz, N. OCR Error Correction Using Character Correction and Feature-Based Word Classification (2016) Proceedings - 12th IAPR International Workshop on Document Analysis Systems, DAS 2016, art. no. 7490117, pp. 198-203., **@2016**
70. Touzet, H. On the levenshtein automaton and the size of the neighbourhood of a word (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9618, pp. 207-218., **@2016**

71. Höffner, K., Lehmann, J., Usbeck, R. CubeQA—question answering on RDF data cubes (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9981 LNCS, pp. 325-340., **@2016**
72. Calvo-Zaragoza, J., De La Higuera, C., Oncina, J. Computing the expected edit distance from a string to a PFA (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9705, pp. 39-50., **@2016**
73. Jakšić, S., Bartocci, E., Grosu, R., Ničković, D. Quantitative monitoring of STL with edit distance (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10012 LNCS, pp. 201-218., **@2016**
74. Fabian Barteld, Ingrid Schroder, Heike Zinsmeister Dealing with word-internal modification and spelling variation in data-driven lemmatization Proceedings of the 10th SIGHUM Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities (LaTeCH 2016), **@2016**
75. Nourah A.Almubarak, Anwar Alshammeri, Imtiaz Ahmad Automata Processor Architecture and Applications: A Survey International Journal of Grid and Distributed Computing Vol. 9, No. 4 (2016), pp.53-66, **@2016**
76. Meng, F., Su, X., Qu, Z. Nonlinear approach for estimating WCET during programming phase (2016) Cluster Computing, 19 (3), pp. 1449-1459., **@2016**
77. Esfahani, M.T., Vahidi, B. A New Dynamic Intelligent Time Domain Arc Furnace Modeling based on Combination Adaptive Neuro-fuzzy Inference System and Chain Code (2016) Electric Power Components and Systems, 44 (11), pp. 1261-1275., **@2016**
78. AbdelRaouf, A., Higgins, C.A., Pridmore, T., Khalil, M.I. Arabic character recognition using a Haar cascade classifier approach (HCC) (2016) Pattern Analysis and Applications, 19 (2), pp. 411-426., **@2016**
79. Zhou, X., Qin, J., Xiao, C., Wang, W., Lin, X., Ishikawa, Y. BEVA: An efficient Query processing algorithm for error-tolerant autocompletion (2016) ACM Transactions on Database Systems, 41 (1), art. no. 5, ., **@2016**
80. Luc Mioulet. Reconnaissance de l'écriture manuscrite avec des réseaux récurrents. Traitement du texte et du document. Université de Rouen, 2016. Français., **@2016**
43. **Agre, G.**, Peev, S.. On Supervised and Unsupervised Discretisation. Cybernetics and Information Technologies, 2, 2, Bulgarian Academy of Sciences, 2002, ISSN:1311-9702, 43-57
- Измипа се в:
81. MH IBRAHIM, M HACIBEYOĞLU Comparison of the effect of unsupervised and supervised discretization methods on classification process. International Journal of Intelligent Systems and Applications in Engineering, Special Issue 1, 2016, 105-108, ISSN 2147-6799, **@2016**
44. Dimitrova, L., **Simov, K.**, Pavlov, R.. The Bulgarian Dictionary in Multilingual Lexical Data Bases. 2002
- Измипа се в:

82. Lim, Lian Tze, Ruoh Tau Chiew, Enya Kong Tang, Rusli Abdul Ghani, and Naimah Yusof. Digitising a machine-tractable version of Kamus Dewan with TEI-P5. No. e2205v1. PeerJ Preprints, 2016., **@2016**
45. **Kolchakov, K.**. Design of class of devices for midnight street light control. "IIT Working Papers" Series, IIT/WP-143, 2002, ISSN:1310-652X
- Цитира се в:
83. Atanasova, T., Smart Building Solutions Enabled By IoT and Fog Computing, Изд. комплекс на НВУ „Васил Левски”, Велико Търново, България, 2016, pp. 729-734, ISSN 2367-7481., **@2016**

46. Racheva M. R., **Andreev A. B.**. Superconvergence postprocessing for eigenvalues. Computational Methods in Applied Mathematics, 2, 3, De Gruyter, 2002, ISSN:1609-4840, DOI:10.2478/cmam-2002-0011, 171-185. SJR:0.653

Цитира се в:

84. Chen, H., Guo, H., Zhang, Z., & Zou, Q. (2016). A \$ C^0\$ linear finite element method for two fourth-order eigenvalue problems. IMA Journal of Numerical Analysis, drw051., **@2016**

47. Bojilov L, **Alexiev K**, Konstantinova P. An accelerated IMM-JPDA algorithm for tracking multiple maneuvering targets in clutter. Information&Security Journal, 9, Procon, 2002, ISSN:0861-5160, 141-153

Цитира се в:

85. Y. Chen, Q. Zhao, Z. An, P. Lv and L. Zhao, "Distributed Multi-Target Tracking Based on the K-MTSCF Algorithm in Camera Networks," in IEEE Sensors Journal, vol. 16, no. 13, pp. 5481-5490, July1, 2016. IF 1.889 doi: 10.1109/JSEN.2016.2565263, , **@2016**

2003

48. Erjavec, T., Krstev, C., **Simov, K.**, Tadic, M., Vitas, D.. The MULTTEXT-East Morphosyntactic Specifications for Slavic Languages. 2003

Цитира се в:

86. Lucia Načinović Prskalo. Automatic Prediction And Modelling Of Croatian Prosodic Features Based On Text. Doctoral thesis. Faculty of humanities and socialsciences, Universaty of Zagreb. 2016., **@2016**

49. Dezert J., Smarandache F., **Tchamova A.**. On the Blackman's Association Problem. Proceedings of the Sixth International Conference on Information Fusion, Cairns, Australia, 2003, ISBN:0-9721844-3-0, 2003, 1371-1379

Цитира се в:

87. Thomas Reineking, Active classification using belief functions and information gain maximization, International Journal of Approximate Reasoning Vol.72, pp.43-54, DOI: 10.1016/j.ijar.2015.12.005, 2016, **@2016**

- 88.** Radim Jirousek, Prakash P. Shenoy, Entropy of Belief Functions in the Dempster-Shafer Theory: A New Perspective, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Vol. 9861 LNAI, 2016, pp. 3-13, and Chapter In book: : J. Vejnarova and V. Kratochvil (eds.), Belief Functions: Theory and Applications, Springer, September 2016, DOI: 10.1007/978-3-319-45559-4_1, pp.3-13, 2016., **@2016**
- 89.** Radim Jirousek, Prakash P. Shenoy, A New Definition of Entropy of Belief Functions in the Dempster-Shafer Theory, Technical Report • March 2016, DOI: 10.13140/RG.2.1.1462.9528 , 2016., **@2016**
- 50.** Sure Y., Akkermans H., Broekstra J., Davies J., Ding Y., Duke A., Engels R., Fensel D., Horrocks I., Iosif V., Kampman A., Kiryakov A., Klein M., Lau T., Ognyanov D., Reimer U., Simov K., Studer R., van der Meer J., van Harmelen F.. On-To-Knowledge: Semantic Web-Enabled Knowledge Management. Web Intelligence, Springer Berlin Heidelberg, 2003, ISBN:978-3-642-07936-8, DOI:10.1007/978-3-662-05320-1, 277-300

Цитира се в:

- 90.** Peter Brezany , Olga Štěpánková, Markéta Janatová, Miroslav Uller, Marek Lenart. Optimized Management of BIG Data Produced in Brain Disorder Rehabilitation. Chapter. Big Data Optimization: Recent Developments and Challenges. Volume 18 of the series Studies in Big Data pp 281-317. DOI: 10.1007/978-3-319-30265-2_13, **@2016**
- 91.** Wang Yuefen, Xing Mengting. Semantic Analysis of Social Public Opinion Information for Government Decision Making. New Technology of Library and Information Service, 2016, 32(7): 21-31., **@2016**
- 51.** Lazarov, R., Margenov, S.. On two-level MIC(0) preconditioning of Crouzeix-Raviart nonconforming FEM systems. LNCS, 2542, Springer, 2003, ISSN:0302-9743, DOI:10.1007/3-540-36487-0_21, 192-201. SJR:0.34

Цитира се в:

- 92.** B. Li, X. Xie, BPX preconditioner for nonstandard finite element methods for diffusion problems, SIAM Journal on Numerical Analysis, 54(2) (2016), 1147–1168, **@2016**
- 52.** Fidanova S.. ACO Algorithm for MKP Using Various Heuristic Information. Lecture Notes in Computer Science, 2542, Springer, 2003, ISSN:2300-5963, 434-440. SJR:0.339

Цитира се в:

- 93.** Levin, D., 2016. The Environment Constrains Successful Search Strategies in Natural Distributed Systems. PhD Thesis, University of New Mexico, Dep. Computer Science, 2016., **@2016**
- 94.** Kleinkauf Robert, Ant Coloni Optimization based Inverse Folding of mono and bistable RNA Macromolecules, PhD thesis, Albert-Ludwigs-Universität, Freiburg im Breisgau, Germany., **@2016**
- 95.** Rojas-Morales, N., Riff, R.M.C. and Montero, U.E., 2016, November. Learning from the opposite: Strategies for Ants that solve multidimensional Knapsack problem. In Evolutionary Computation (CEC), 2016 IEEE Congress on, pp. 193-200., **@2016**

53. Alexandrov, V.N., **Dimov, I. T.**, Karaivanova, A., Tan, Chih Jeng Kenneth. Parallel Monte Carlo algorithms for information retrieval. Mathematics and Computers in Simulation, 6, 3-6, Elsevier, 2003, ISSN:0378-4754, DOI:10.1016/S0378-4754(02)00252-5, 289-295. ISI IF:0.949

Цитира се в:

96. Gutiérrez Soto, C., Exploring the reuse of past search results in information retrieval . PhD Thesis, Université de Toulouse, Université Toulouse III-Paul Sabatier, France, 2016., **@2016**

54. Stoyanov, S., Ganchev, I., **I. Pochev**, O'Droma, M., Venkov, R.. DeLC - Distributed eLearning Center. 1st Balkan Conference in Informatics, Thessaloniki, Greece, 2003, ISBN:960-287-045-1, 327-336

Цитира се в:

97. Kehayova, I., P. Milanov, V. Valkanov. Analytical Level of Velspace. In: Юбилейна научна конференция с международно участие "Новата идея в образованието", Бургаски свободен университет, фонд "Научни изследвания – Министерство на образованието и науката", Том II, 426-432, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**

98. Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**

55. **Atanassov, E., Durchova, M.**. Generating and testing the modified Halton sequences. Lecture Notes in Computer Science, 2542, Springer International Publishing, 2003, ISSN:0302-9743, DOI:10.1007/3-540-36487-0_9, 91-98. SJR:0.339

Цитира се в:

99. Gurov, T., Karaivanova, A., Alexandrov, V., Energy study of Monte Carlo and Quasi-Monte Carlo algorithms for solving integral equations, Procedia Computer Science, 2016, 80, pp. 1897-1905. DOI: 10.1016/j.procs.2016.05.492, SJR: 0.314 (2015), **@2016**

56. **Stoimenova, E.**, Datcheva, M., Schanz, T.. Statistical modeling of the soil water characteristic curve for geotechnical data. Proceedings of the First International Conference for Mathematics and Informatics for Industry, 2003, 356-366

Цитира се в:

100. Fajardo, A. M. P., Canon, J., & Laforteza, R. The value of rural landscape in Aquitania (Colombia): application of spatial hedonic models in real estate analysis, , Cuadernos de Desarrollo Rural, Bogota (Colombia) 12 (76) 155-179, ISSN: 0122-1450, Cuadernos de Desarrollo Rural., **@2016**

57. **Dimov, I. T., Karaivanova, A., Georgieva, R., Ivanovska, S.** Parallel Importance Separation and Adaptive Monte Carlo Algorithms for Multiple Integrals. Numerical Methods and Applications, Lecture Notes in Computer Science, 2542, Springer Berlin Heidelberg, 2003, ISBN:978-3-540-00608-4; O, ISSN:0302-9743, DOI:10.1007/3-540-36487-0_10, 99-107. SJR:0.34

Цитира се в:

101. Todorov, V., Dzurov, V., Stojanov, P., Angelov, A. (2016). Latin Hypercube and Importance Sampling Algorithms for Multidimensional Integrals. Journal Scientific & Applied Research,

10, 2016, 17-23. Konstantin Preslavsky Publishing House. ISSN: 1314-6289., **@2016**

- 58.** Simov, K., Simov, A., Kouylekov, M., Ivanova, K., Grigorov, I., Ganev, H.. Development of corpora within the CLaRK system: The BulTreeBank project experience. 2003

Цитира се в:

- 102.** Younes Samih and Wolfgang Maier and Laura Kallmeyer. SAWT: Sequence Annotation Web Tool. Proceedings of the Second Workshop on Computational Approaches to Code Switching, pages 65–70, Austin, TX, November 1, 2016. 2016 Association for Computational Linguistics, **@2016**

- 59.** Yankova, M., Boytcheva, S.. Focusing on Scenario Recognition in Information Extraction. Proceedings of the Tenth Conference on European Chapter of the Association for Computational Linguistics - (EACL '03), 2, Association for Computational Linguistics, Stroudsburg, PA, USA ©2003, 2003, ISBN:1-111-56789-0, DOI:10.3115/1067737.1067744, 41-48

Цитира се в:

- 103.** Zhang, Y., Liu, Z., & Zhou, W. (2016). Event Recognition Based on Deep Learning in Chinese Texts. PloS one, 11(8), Article Number: e0160147, DOI: 10.1371/journal.pone.0160147, (SCOPUS, SJR 1, 395, Web of Science Accession Number: WOS:000381373500014), **@2016**

- 104.** Zhou, W., Zhang, Y., Su, X., Li, Y., & Liu, Z. (2016). Semantic Role Labeling Based Event Argument Identification. International Journal of Database Theory and Application, Vol.9, No.6, pp.93-102, DOI:10.14257/ijdta.2016.9.6.09, **@2016**

- 60.** Strohmaier, C., Ringlstetter, C., Schulz, K. U., Mihov, S.. Lexical postcorrection of OCR-results: The web as a dynamic secondary dictionary?. In ICDAR 2003, 2003, 1133-1137

Цитира се в:

- 105.** Stefanie Dipper; Friedrich Neubarth; Heike Zinsmeister. Bootstrapped OCR error detection for a less-resourced language variant, 13th Conference on Natural Language Processing (KONVENS 2016), Sep 2016, Bochum, Germany. Proceedings of the 13th Conference on Natural Language Processing (KONVENS 2016), pp.21-26, 2016, , **@2016**

- 61.** Dimov, D.. Fast, Shape Based Image Retrieval. Proceed. of CompSysTech'2003, 2003, ISBN:954-9641-33-3, DOI:10.1145/973620.973669, 3.8.1-3.8.7

Цитира се в:

- 106.** Shanmugavadivu, P., P. Sumathy, A. Vadivel: FOSIR: Fuzzy-Object-Shape for Image Retrieval applications, Elsevier, Neurocomputing, Vol. 171, Jan. 2016, pp. 719–735, IF = 2.392, **@2016**

- 107.** Nasr, A.H., H. Z. Abdelhamid: "Identifying Polarimetric Signatures for Different Features in Radarsat-2 PolSAR Image of Part of Halayib Area, EGYPT", The International Congress for global Science and Technology (ICGST), ICGST Int. J. on Graphics, Vision and Image Processing (GVIP) Vol. 16, Issue (I), June 2016, Delaware, USA, pp.11-18, **@2016**

62. **Andreev A. B.**, Todorov T. D.. Isoparametric finite-element approximation of a Steklov eigenvalue problem. IMA Journal of Numerical Analysis, 24, 2, Oxford University Press, 2004, ISSN:02724979, DOI:10.1093/imanum/24.2.309, 309-322. SJR:1.616

Цитира се в:

108. A.N., Jing; B.I., Hai; LUO, Zhendong. A highly efficient spectral-Galerkin method based on tensor product for fourth-order Steklov equation with boundary eigenvalue. Journal of Inequalities and Applications, 2016, 2016.1: 211., **@2016**
109. Sun, Jiguang, and Aihui Zhou. Finite Element Methods for Eigenvalue Problems. CRC Press, 2016., **@2016**
110. Bi, Hai, Hao Li, and Yidu Yang. "An adaptive algorithm based on the shifted inverse iteration for the Steklov eigenvalue problem." Applied Numerical Mathematics Volume 105, July 2016, Pages 64–81., **@2016**

63. **Tashev T.**. Generalized Net Model of the Synthesis Process of Petri Nets. Wyższa szkoła informatyki stosowanej I zarządzania. ISSUES in Intuitionistic Fuzzy Set and Generalized Nets, Wydawnictwo WSISiZ, Warszawa, Poland, 2004, ISBN:83-88311-72-7/pbk, 61-66

Цитира се в:

111. Atanasova, T. V., S. A. Poryazov, E. T. Saranova. Problems with quality enabling of information functions composition in smart buildings. Proc. IEEE 24th Telecommunications Forum TELFOR'2016, 2016, Belgrade, Serbia, pp.33-36. ISBN: 978-1-5090-4085-8, **@2016**

64. **Stoimenova, E.**, M. Datcheva, T. Schanz. Application of two-phase regression to geotechnical data. Pliska Stud. Math. Bulgar., 16, Institute of Mathematics and Informatics, 2004, ISSN:0204-9805, 245-257

Цитира се в:

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

65. Shapiro, V., **Dimov, D.**, Bonchev, S., Velitchkov, V., **Gluhchev, G.**. Adaptive License Plate Image Extraction. Proceedings of CompSysTech Conferences, 04, Ruse, BG, 2004, ISBN:954-9641-38-4, 3a.2.1-3a.2.7

Цитира се в:

113. Horak, K., J. Klecka, and P. Novacek: License Plate Detection Using Point of Interest Detectors and Descriptors, Int. Conf. on Telecommunications and Signal Processing, Vienna, June 2016, 5p., DOI: 10.13140/RG.2.1.4914.1369, **@2016**

114. Atalı, G., S. S. Özkan, D. Karayel: Morfolojik Görüntü İşleme Tekniği ile Yapay Sinir Ağlarında Görüntü Tahribat Analizi, G. ATALI/APJES IV-I (2016) 01-07, Doi:10.21541/apjes.27271, **@2016**

66. **Ouzounov A.**. A Robust Feature for Speech Detection. Cybernetics and Information Technologies, 4, 2, 2004, ISSN:13119702, 13144081, 3-14. SJR:0.17

Цитира се в:

115. Kamath C., Energy entropy feature for the discrimination between the patients with amyotrophic lateral sclerosis and healthy subjects, International Journal of Biomedical Engineering and Technology, vol.20, 3, 2016, pp.208-225, DOI: 10.1504/IJBET.2016.075423, ISSN online: 1752-6426; ISSN print: 1752-6418., @2016
116. Guo Yu, Zhang Erhua, Liu Chi, An endpoint detection algorithm based on frequency-domain characteristics and transition fragment judgment, Journal of Shandong University (Engineering Science), 2016, Vol. 46 Issue (2), pp. 57-63; DOI: 10.6040/j.issn.1672-3961.2.2015.147., @2016
67. Blaheta, R., Margenov, S, Neytcheva, M.. Uniform estimate of the constant in the strengthened CBS inequality for anisotropic non-conforming FEM systems. Numerical Linear Algebra with Applications, 11, 4, John Wiley and Sons Ltd, 2004, ISSN:1070-5325, 309-326. SJR:1.25, ISI IF:1.431

Цитира се в:

117. I. Pultarová, Hierarchical preconditioning for the stochastic Galerkin method: Upper bounds to the strengthened CBS constants, Computers & Mathematics with Applications, Vol. 71 (4) (2016), 949–964, @2016
68. Dimov, I., Georgiev, K., Ostromsky, Tz., Zlatev, Z.. Computational challenges in the numerical treatment of large air pollution models. Ecological Modelling, 179, 2, Elsevier, 2004, ISSN:0304-3800, DOI:10.1016/j.ecolmodel.2004.06.019, 187-203. ISI IF:2.725

Цитира се в:

118. Hosseini, B., Stockie, J.M., Bayesian Estimation of Airborne Fugitive Emissions Using a Gaussian Plume Model, Atmospheric Environment 141, 2016, 122-138. DOI: 10.1016/j.atmosenv.2016.06.046. Elsevier. ISSN: 1352-2310. SJR(2015): 1.999. IF (2015): 3.459; 5-year IF: 3.841., @2016
119. Jusufi, K., Stafilov, T., Vasjari, M., Korca, B., Halili, J., Berisha, A, Determination of Heavy Metals by ICP-AES in the Agricultural Soils Surrounding Kosovo's Power Plants, FRESENIUS ENVIRONMENTAL BULLETIN 25 (5), 2016, 1313-1321. PARLAR SCIENTIFIC PUBLICATIONS, GERMANY. ISSN: 1018-4619. IF (2015): 0.372. 5-year IF: 0.413., @2016
69. Atanassov, Emanoil I.. On the Discrepancy of the Halton Sequences. Math. Balkanica, 18, 1-2, 2004, 15-32

Цитира се в:

120. Pausinger, F., Steinerberger, S., On the discrepancy of jittered sampling Journal of Complexity, 2016, 33, pp. 199-216. DOI: 10.1016/j.jco.2015.11.003, Impact Factor: 1.358, @2016
70. Simov, K., Osenova, P., Kolkovska, P., Balabanova, E., Doikoff, D.. A Language Resources Infrastructure for Bulgarian. LREC 2004, European Language Resources Association, 2004, 1685-1688

Цитира се в:

121. Резанова Зоя Ивановна, Некрасова Елена Дмитриевна Категория абстрактности имен существительных в русском и болгарском языках: когнитивные рефлексы

формализации // Русин. 2016. №3 (45). 17-32.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992018172&partnerID=40&md5=0b397c5bbc3099d5aea6b40ea5ce454a> DOI: 10.17223/18572685/45/3, @2016

71. **Simov, K., Osenova, P.**, Simov, A., Kouylekov, M.. Design and implementation of the bulgarian HPSG-based treebank. 2004

Цитира се в:

122. Nguyen, Dat Quoc, Nguyen, Dai Quoc, Pham, Dang Duc, Pham, Son Bao. A Robust Transformation-Based Learning Approach Using Ripple Down Rules for Part-Of-Speech Tagging, AI Communications, vol. 29, no. 3, pp. 409-422, 2016.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969752484&partnerID=40&md5=80ee80f3fb3af209de816b51b05ec5df> DOI: 10.3233/AIC-150698, @2016
123. Grammatical Theory: From Transformational Grammar to Constraint-Based Approaches. Textbooks in Language Sciences 1. Language Science Press. Berlin. ISSN: 2364-6209. 2016, @2016

72. **Marinov P.**, Kutiev I., Watanabe S.. Empirical model of O+-H+ transition height based on topside sounder data. Advances in Space Research, 34, 9, 2004, ISSN:ISSN 0273-1177, DOI:DOI: 10.1016/j.asr.2004.07.012, 2021-2025. ISI IF:1.183

Цитира се в:

124. Lee, H.-B., Kim, Y.H., Kim, E., Hong, J., Kwak, Y.-S. Where does the plasmasphere begin? Revisit to topside ionospheric profiles in comparison with plasmaspheric TEC from Jason-1. (2016) Journal of Geophysical Research A: Space Physics, 121 (10), pp. 91-102., @2016

73. **Mihov, S.**, Schulz, K. U.. Fast approximate search in large dictionaries. Computational Linguistics, 4, 30, 2004, 451-477. SJR:0.689

Цитира се в:

125. Touzet, H. On the levenshtein automaton and the size of the neighbourhood of a word (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9618, pp. 207-218., @2016
126. Calvo-Zaragoza, J., De La Higuera, C., Oncina, J. Computing the expected edit distance from a string to a PFA (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9705, pp. 39-50., @2016
127. Raiza Hanada, Maria da Graça C. Pimentel, Marco Cristo, and Fernando Anglada Lores. 2016. Effective Spelling Correction for Eye-based Typing using domain-specific Information about Error Distribution. In Proceedings of the 25th ACM International Conference on Information and Knowledge Management (CIKM '16). ACM, New York, NY, USA, 1723-1732., @2016
128. Kucherov, G., Salikhov, K., Tsur, D. Approximate string matching using a bidirectional index (2016) Theoretical Computer Science, 638, pp. 145-158., @2016
129. Zhou, X., Qin, J., Xiao, C., Wang, W., Lin, X., Ishikawa, Y. BEVA: An efficient Query processing algorithm for error-tolerant autocompletion (2016) ACM Transactions on Database Systems, 41 (1), art. no. 5, ., @2016

130. Abdulkhudhur, H.N., Habeeb, I.Q., Yusof, Y., Yusof, S.A.M. Implementation of improved Levenshtein algorithm for spelling correction word candidate list generation (2016) Journal of Theoretical and Applied Information Technology, 88 (3), pp. 449-455., **@2016**
74. Koeva, S., **Mihov, S.**, Tinchev, T.. Bulgarian Wordnet—Structure and Validation. Romanian Journal of Information Science and Technology, 7, 1-2, 2004, 61-78

Цитира се в:

131. Akbar Hesabi A Comparison between Intra lingual Semantic Relations of Nouns in Fars Net, Euro Net and Princeton Word Net Language Related Research Vol.7, No.4 (Tome 32), September, October & November 2016, **@2016**
132. Kubis, Marek. "A query language for WordNet-like lexical databases." International Journal of Intelligent Information and Database Systems 9.2 (2016): 103-133., **@2016**
75. **Bencheva, G.**. Parallel performance comparison of three direct separable elliptic solvers. Large-Scale Scientific Computing, Series Title Lecture Notes in Computer Science, 2907, Springer, 2004, ISBN:978-3-540-21090-0, ISSN:0302-9743, DOI:10.1007/978-3-540-24588-9_48, 421-428. SJR:0.339

Цитира се в:

133. E. Gallopoulos, B. Philippe, A. H. Sameh, Special Linear Systems, In: Parallelism in Matrix Computations, Scientific Computation Series, Springer Netherlands 2016, 165– 225, ISBN:978-94-017-7187-0;, **@2016**
76. **Stoilov T., Stoilova K.** Algorithm and software implementation of QR decomposition of rectangular matrices. Proceedings of the International Conference on Computer Systems and Technologies "COMPSYSTECH'04, 2004, ISBN:954-9641-38-4, IIIA.7-1-III.7-6

Цитира се в:

134. Remya Menon, K.Namitha. Performance analysis of updating-QR supported OLS against stochastic gradient descent. In Intelligent systems technologies and applications. Ed. Steffamo Berretti, Sabu Thampi, Praveen Ranjan Srivastava Book ISSN 2194-5357 , ISSN 2194-5365 electronic Advances in intelligent systems and computing ISBN 978-3-319-23035-1 , ISBN 978-3-319-23036-08 ebook DOI 10.1007/978-3-319-23036-8, Springer, 2016, p.293-304., **@2016**

2005

77. **Fidanova S.**. Ant Colony Optimization for Multiple Knapsack Problem and Model Bias. Lecture Notes in Computer Science, 3401, Springer, 2005, ISSN:0377-0427, 280-287. SJR:0.339

Цитира се в:

135. Singh, G. and Jain, L., Increasing Impact of ACO in solving Rectangular Packing Problems, International Journal of Recent Trends in Engineering & Research, Vol. 2(5), ISSN: 2455-1457, IF 3.344, 2016, 16-26., **@2016**
136. Zhu, Y., Du, Q., Tian, F., Ren, F., Liang, S. and Chen, Y., Location Optimization Using a Hierarchical Location-Allocation Model for Trauma Centers in Shenzhen, China. ISPRS

International Journal of Geo-Information, Vol. 5(10), ISSN 2220-9964, IF 0.651, doi:10.3390/ijgi5100190, 2016, p.190., **@2016**

78. Andreev A. B., Lazarov R. D., Racheva M. R.. Postprocessing and higher order convergence of mixed finite element approximations of biharmonic eigenvalue problems. Journal of Computational and Applied Mathematics, 182, 2, Elsevier, 2005, ISSN:03770427, DOI:10.1016/j.cam.2004.12.015, 333-349. SJR:1.104

Цитира се в:

137. Chen, H., Guo, H., Zhang, Z., & Zou, Q. (2016). A \$ C^0\$ linear finite element method for two fourth-order eigenvalue problems. IMA Journal of Numerical Analysis, drw051., **@2016**

79. Boytcheva, S., Strupchanska, A., Paskaleva, E., Tcharaktchiev, D.. Some aspects of negation processing in electronic health records. . In Proc. of International Workshop Language and Speech Infrastructure for Information Access in the Balkan Countries , in conjunction with Recent Advances in Natural Language Processing International Conference, Bulgaria: Incoma Ltd., 2005, ISBN:954-9173-2-8, 1-8

Цитира се в:

138. Mondal, A., Satapathy, R., Das, D., & Bandyopadhyay, S. (2016). A Hybrid Approach Based Sentiment Extraction from Medical Context. Proceedings of the 4th Workshop on Sentiment Analysis where AI meets Psychology (SAAIP 2016) co-located with 25th International Joint Conference on Artificial Intelligence (IJCAI 2016), (pp. 35-40) , New York City, USA, July 10, 2016. CEUR-Workshop, Vol. 1619, in a series with ISSN 1613-0073 (SCOPUS, SJR 0.136), **@2016**

80. Stoyanov, S., Popchev, I., Ganchev, S., O'droma, M.. From CBT to e-Learning. Information Technologies and Control, 4, 2005, ISSN:1312-2622, 2-10

Цитира се в:

139. Kehayova, I., P. Milanov, V. Valkanov. Analytical Level of Velspace. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 426-432, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**

140. Miteva, M., A. Stoyanova-Doycheva, N. Stancheva. Development Intelligent Environment for Generating an E-Learning Lessons about Cultural-Historical Heritage of Bulgaria. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 445-450, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**

81. Simov, K., Osenova, P.. BulQA: Bulgarian-Bulgarian Question Answering at CLEF 2005. 2005

Цитира се в:

141. Przybyła, Piotr. "Boosting Question Answering by Deep Entity Recognition." arXiv preprint arXiv:1605.08675 (2016)., **@2016**

82. Хаджитодоров, С, Тагарев, Т.. Методика за моделиране, анализ на критичната инфраструктура,

идентифициране на взаимозависимости, оценка на уязвимости и риск и за планиране на способности за защита. Център за изследвания по национална сигурност и отбрана – БАН, 2005

Цитира се в:

142. Гечкова, Т. Защита на националната критична инфраструктура – мястото на академичната общност в нея, ЮНК „Обучението и изследванията по икономика на отбраната и сигурността – настояще и бъдеще“, София, ИК на УНСС, 124-132, 2016, ISBN 978-954-644-897-2, **@2016**
83. Magnini, B., Vallin, A., Ayache, C., Erbach, G., Penas, A., de Rijke, M., Rocha, P., Simov, K., Sutcliffe, R.. Overview of the CLEF 2004 Multilingual Question Answering Track. 2005

Цитира се в:

143. Rodrigues, Ricardo and Gomes, Paulo. (2016). Improving Question-Answering for Portuguese Using Triples Extracted from Corpora. Computational Processing of the Portuguese Language: 12th International Conference, PROPOR 2016, Tomar, Portugal, July 13-15, 2016, Proceedings. pp. 25-37. Springer International Publishing. ISBN: 978-3-319-41552-9. Doi: 10.1007/978-3-319-41552-9_3. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977565056&partnerID=40&md5=410143e3688e75e3276f5405db80f210>, **@2016**
84. Alexandrov, V.N., Atanassov, E., Dimov, I. T., Branford, S, Thandavan, A., Weihrauch, C.. Parallel Hybrid Monte Carlo Algorithms for Matrix Computations. Computational Science – ICCS 2005, 3516, Springer, LNCS, 2005, ISBN:978-3-540-26044-8, DOI:10.1007/11428862_102, 752-759. SJR:0.34

Цитира се в:

144. Benzi, M., Evans, T. M., Hamilton, S. P., Pasini, M. L., Slattery, S. R., Analysis of Monte Carlo Accelerated Iterative Methods for Sparse Linear Systems, Numerical Linear Algebra with Applications, 2016. ISSN: 1070-5325. IF (2015): 1.431. 5-year IF: 1.513., **@2016**
145. Wu, T., & Gleich, D. F. (2016). Multi-way Monte Carlo Method for Linear Systems. arXiv preprint arXiv:1608.04361., **@2016**
85. Mihov, S., Schulz, K. U., Ringlstetter, C., Dojchinova, V., Nakova, V., Kalpakchieva K., Gerasimov, O., Gotscharek, A., Gercke, C.. A corpus for comparative evaluation of OCR software and postcorrection techniques. Proceedings of the International Conference on Document Analysis and Recognition, ICDAR, 2005, 2005, 162-166

Цитира се в:

146. Alghamdi, M.A., Alkhazi, I.S., Teahan, W.J. Arabic OCR evaluation tool (2016) Proceedings - CSIT 2016: 2016 7th International Conference on Computer Science and Information Technology, art. no. 7549460, ., **@2016**

2006

86. Kabakchiev, Chr., Doukovska, L., Garvanov, I.. Cell Averaging Constant False Alarm Rate Detector with Hough Transform in Randomly Arriving Impulse Interference. Cybernetics and Information Technologies, 6, 1, Prof. Marin Drinov Publishing House, 2006, ISSN:1311-9702, 83-89. SJR:0.212

Цитира се в:

147. Heydari, K., Azmi, P., Abbasi, B., Heydari, A. (2016) Detection of chirp signal using generalized almost-cyclostationary in presence of the leakage signal. 24th Iranian Conference on Electrical Engineering, ICEE 2016; Shiraz University, 10-12 May 2016; Article number 7585768, Pages 1551-1556., **@2016**
87. Fidanova S.. Ant Colony Optimization and Multiple Knapsack Problem. Handbook of Research on Nature Inspired Computing for Economy and Management, IGI-Global, 2006, ISBN:1-59140-984-5, 21, 489-509

Цитира се в:

148. Mei, Y., Li, X., & Yao, X., On investigation of interdependence between sub-problems of the Travelling Thief Problem. Soft Computing, Springer Vol. 20(1), ISSN: 1432-7643, SJR 1.019, 2016, 157-172., **@2016**
149. Singh, G. and Jain, L., Increasing Impact of ACO in solving Rectangular Packing Problems, International Journal of Recent Trends in Engineering & Research, Vol. 2(5), ISSN: 2455-1457, IF 3.344, 2016, 16-26., **@2016**
88. Shapiro, V., Gluhchev, G., Dimov, D.. Towards a multinational car license plate recognition system. Machine Vision and Applications, 17, 3, Springer, 2006, ISSN:0932-8092, DOI:10.1007/s00138-006-0023-5, 173-183. SJR:0.817

Цитира се в:

150. Chowdhury, S., A. Das, and P. Punitha: PROJECTION PROFILE BASED NUMBER PLATE LOCALIZATION AND RECOGNITION, Computer Science & Information Technology (CS & IT), 2016, pp.185-200, **@2016**
151. Bagabir, M. M. A. O.: SUDANESE VEHICLES LICENSE PLATE RECOGNITION, PhD thesis, Sept., 2016, 114p., **@2016**
152. Narang, S.B., M. Singh, K. Pubby: Automatic localization of license plate region using two dimensional filter in MATLAB, COMPUTER VISION & PATTERN RECOGNITION J., CV&PRCG, 1(1), 2016 [001-005], **@2016**
153. Yuan, Y., W. Zou, Y. Zhao, X. Wang, X. Hu, N. Komodakis: "A Robust and Efficient Approach to License Plate Detection" in IEEE Transactions on Image Processing , vol.PP, no.99, pp.1-1, doi: 10.1109/TIP.2016.2631901, (SJR = 2.727, IPP = 5.002, SNIR = 3, 8452), **@2016**
89. Monachesi, P., Lemnitzer, L., Simov, K.. Language technology for elearning. 4227, 2006, ISBN:978-3-540-45777-0, DOI:10.1007/11876663_70, 667-672
- Цитира се в:
154. Moussallem, Diego, Axel-Cyrille Ngomo, and Matthias Wauer. "Machine Translation Using Semantic Web Technologies: A Survey." Systematic Literature Review and Challenges. 2016, **@2016**
90. Kartalev, M., M. Dryer, K. Grigorov, E. Stoimenova. Solar wind polytropic index estimates based on single spacecraft plasma and interplanetary magnetic field measurements. Journal of Geophysical Research - Space Physics, 111, Wiley, 2006, ISSN:2169-9402, DOI:10.1029/2006JA011760, 1-16. ISI

IF:3.44

Цитира се в:

155. Livadiotis, G. "Superposition of polytropes in the inner heliosheath." The Astrophysical Journal Supplement Series, Volume 223, Number 1, @2016
 156. Xuexia, P., Cao, J. and Ma, Y. Polytropic index of magnetosheath ions based on homogeneous MHD Bernoulli Integral. Journal of Geophysical Research: Space Physics. Vol: 121, Pages: 2349–2359 DOI: 10.1002/2015JA022303, @2016
 157. Zhang, Y., Charles, C., & Boswell, R. (2016). A polytropic model for space and laboratory plasmas described by bi-maxwellian electron distributions. The Astrophysical Journal, 829(1), 10., @2016
 158. Scherer, K., Fichtner, H., Fahr, H. J., R\"oken, C., & Kleimann, J. (2016). Generalized multi-polytropic Rankine-Hugoniot relations and the entropy condition. arXiv preprint arXiv:1610.04381., @2016
 159. Livadiotis, G., & Desai, M. I. Plasma-field coupling at small length scales in solar wind near 1 au. The Astrophysical Journal, 829(2), 88., @2016
91. **Каастоянов Д.** Управление на мехатронни системи. Академично издателство “Проф. М. Дринов”, София, 2006, ISBN:954-322-169-3

Цитира се в:

160. Трифонов, Д. Пиринчев, Б. Бижев, С. Аршинков., IOT глобална свързаност на нещата(интернет на нещата). LPWAN - варианти за реализация при изисквания за малка консумация, ниска цена и увеличен обхват., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 60-63, ISSN 1314-4634, @2016
92. **Fidanova S., Durchova M.** Ant Algorithm for Grid Scheduling Problem. Lecture Notes in Computer Science, 3743, Springer, 2006, ISSN:0377-0427, 405-412. SJR:0.339

Цитира се в:

161. Cammarata, G., Di Stefano, A., Morana, G. and Zito, D., 2016, May. Evaluating the Performance of A4SDN on Various Network Topologies. In 2016 IEEE International Parallel and Distributed Processing Symposium Workshops (IPDPSW), 2016, pp. 801-808., @2016
162. Bandieramonte, M., Di Stefano, A., Morana, G. Grid jobs scheduling: The Alienated Ant Algorithm solution, Multiagent and Grid Systems, 6 (3), ISSN:1574-1702, SJR 0.144, 2014, pp. 225-243., @2016
163. Karimpour, R., Khayyambashi, M. R., & Movahhedinia, N., Applying ant colony optimization for load balancing on grid. Journal of the Chinese Institute of Engineers, ISSN 0253-3839, IF 0.241, DOI: 10.1080/02533839.2015.1070690, 2016, 49-56., @2016
164. Tiwari, P. K., & Vidyarthi, D. P., Improved auto control ant colony optimization using lazy ant approach for grid scheduling problem. Future Generation Computer Systems, Vol. 60(1), ISSN: 0167-739X, IF 2.786, doi:10.1016/j.future.2016.01.017, 2016, 68-89., @2016
165. Ghazipour, F. and Mirabedini, S.J., Presenting a new Ant Colony Optimization Algorithm (ACO) for Efficient Job Scheduling in Grid Environment, International Journal of Computer Applications Technology and Research, Vol. 5(1), ISSN 2319-8656, 2016, 15 – 19., @2016

- 166.** Sivakumar, M., and C. Venkatesh. "A NOVEL METAHEURISTIC APPROACH FOR CLOUD SCHEDULING", J. Technological Advances and Scientific Research, Vol. 2(2), ISSN 2395-5600, 2016, 115-118., **@2016**
- 167.** Ghazipour F, Mirabedini SJ. Proposing a New Job Scheduling Algorithm in Grid Environment Using a Combination of Ant Colony Optimization Algorithm (ACO) and Suffrage. International Journal of Computer Applications Technology and Research, Vol. 5(1), ISSN 2319-8656, 2016, 20-25., **@2016**
- 168.** Gokuldev, S., Ashokan, A. and Rajeev, R., 2016. A DTQ Scheduling Algorithm with Check pointing approach in Computational Grid. International Journal of Applied Engineering Research, 11(9), ISSN: 0973-4562, SJR 0.127, 2016, pp.6850-6855., **@2016**
- 93.** Nedjalkov, M., Vasileska, D., Ferry, D.K., Jacoboni, C., Ringhofer, C, Dimov, I. T.. Wigner transport models of the electron-phonon kinetics in quantum wires. Physical Review B, 74, 3, American Physical Society, 2006, ISSN:1098-0121, 1550-235X, DOI:<http://dx.doi.org/10.1103/PhysRevB.74.035311>, 035311. ISI IF:3.736

Цитира се в:

- 169.** Zhan, Z., Colomés, E., & Oriols, X. (2016). Unphysical features in the application of the Boltzmann collision operator in the time-dependent modeling of quantum transport. Journal of Computational Electronics, 15(4), 1206-1218., **@2016**
- 94.** Fidanova S.. Simulated Annealing for GRID Scheduling Problem. International Symposium on Modern Computing, IEEE, 2006, 41-45

Цитира се в:

- 170.** Chniter, H., Khalgui, M., & Jarray, F., Combinatorial Optimization Approach for Feasible Low-Power and Real-Time Flexible OS Tasks. In Informatics in Control, Automation and Robotics, Lecture Notes in Electrical Ingineering 370, Springer International Publishing, SJR 0.120, 2016, pp. 59-77., **@2016**
- 171.** Molina, J.C. and Monge, J.J.F., Modelos de enfriamiento en recocido simulado. Revista Digital: Matemática, Educación e Internet, 16(2), ISSN 1659 -0643, 2016. 1-14., **@2016**
- 95.** Stoyanov, S., Popchev, I.. Evolutionary Development of an Infrastructure Supporting the Transactions from CBT to e-Learning. Cybernetics and Information Technologies, 2, 2006, ISSN:1311-9702, 101-114

Цитира се в:

- 172.** Петров, А., А. Петров, В. Вълканова, И. Димитров. Игриво-базирано обучение във виртуално образователно пространство. В: Юбилейна научна конференция с международно участие "Новата идея в образованието", Бургаски свободен университет, фонд "Научни изследвания – Министерство на образованието и науката", Том II, 451-456, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**
- 173.** Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**
- 96.** Fidanova S.. 3D HP Protein Folding Using Ant Algorithm. In proc of BioPs'06, 2006, 19-26

Цитира се в:

174. Khan M.A., Shahzad W., Baig, A.R., Protein classification via an ant-inspired association rules-based classifier, Int. J. of Bio-Inspired Computing, Vol 8(1), ISSN: 1758-0366 , IF 3.969, SJR 1.242, 2016, 51-65., **@2016**
97. Popivanov, D., Stomonyakov, V., **Minchev, Z.**, Jivkova, S., Dojnov, P., Jivkov, S., Christova, E., Kosev, S.. Multifractality of Decomposed EEG During Imaginary and Real Visual-Motor Tracking. Biological Cybernetics, 94, 2, Springer-Verlag, 2006, ISSN:1432-0770, DOI:10.1007/s00422-005-0037-5, 149-156. ISI IF:1.713

Цитира се в:

175. Tozzi, A., Peters, J., Çankaya, M., Korbel, J., Zare, M., Papo, D. An entropic link between power laws and spike frequency in brain, Technical Report, January 2016, Center for Nonlinear Science, University of North Texas, Denton, Texas, DOI 10.13140/RG.2.1.1812.5848, **@2016**
176. Tozzi, A., Peters, J., Çankaya, M., Korbel, J., Zare, M., Papo, D. Brain Fractal Slopes Dictate Spike Frequencies, via Informational Entropy, Technical Report, Computational Intelligence Laboratory, University of Manitoba, Winnipeg, Canada, September, 2016, DOI: 10.13140/RG.2.2.34839.78248, **@2016**
177. Raiesdana, S. Quantifying the dynamic of OSA brain using multifractal formalism: A novel measure for sleep fragmentation, Technology and Health Care, Preprint, pp. 1-20, Nov 18, 2016, ISSN 1878-7401, DOI: 10.3233/THC-161278, IF = 0, 678, **@2016**
178. Papo, D. Commentary: The Entropic Brain: A Theory of Conscious States Informed by Neuroimaging Research with Psychedelic Drugs, Frontiers in Human Neuroscience, vol.10, Article 423, pp. 1-3, 2016, DOI: 10.3389/fnhum.2016.00423, ISSN 1662-5161, 5 Year IF = 3.634, **@2016**
179. Z-Flores, E., Trujillo, L., Sotelo, A., Legrand, P., Coria, L. Regularity and Matching Pursuit Feature Extraction for the Detection of Epileptic Seizures, Journal of Neuroscience Methods, Vol. 266, 2016, 107–125, ISSN 0165-0270, DOI: 10.1016/j.jneumeth.2016.03.024, 5 Year IF = 2.245, **@2016**
98. Aleksandrov L., Djidjev H., Guo H., Maheshwari A.. Partitioning Planar Graphs with Costs and Weights. ACM Journal of Experimental Algorithms, 11, ACM Inc., 2006, ISSN:1084-6654, 1-28. ISI IF:0.6

Цитира се в:

180. Eli Fox-Epstein, Shay Mozes, Phitchaya Mangpo Phothilimthana, and Christian Sommer, Short and Simple Cycle Separators in Planar Graphs, ACM Journal of Experimental Algorithms, Volume 21, Issue 2. pp. 1-24, 2016. doi: 10.1145/2957318, **@2016**
99. Popchev, P., I. Radeva. A Decision Support Method for Investment Preference Evaluation.. Cybernetics and Information Technologies, 6, 1, 2006, ISSN:1311-9702, 3-16

Цитира се в:

181. Георгиева, П.. Конструиране на оптимален инвестиционен портфейл с генетични алгоритми. В: Юбилейна научна конференция с международно участие “Новата идея в образованието”. 20-21 септември 2016, том. 2, с. 526-534, Бургас. ISBN: 978-619-7126-

280., @2016

100. Belehaki, A., **Marinov, P.**, Kutiev, I., Jakowski, N., Stankov, S.. Comparison of the topside ionosphere scale height determined by topside sounders model and bottomside digisonde profiles. Advances in Space Research, 37, 5, 2006, ISSN:0273-1177, DOI:DOI: 10.1016/j.asr.2005.09.014, 963-966. ISI IF:1.183

Цитира се в:

182. Ramírez-Nicolás, M., Sánchez-Cano, B., Witasse, O., Blelly, P.-L., Vázquez, L., Lester, M. The effect of the induced magnetic field on the electron density vertical profile of the Mars ionosphere: A Mars Express MARSIS radar data analysis and interpretation, a case study (2016) Planetary and Space Science, 126, pp. 49-62., @2016
183. Wu, M.J., Guo, P., Fu, N.F., Xu, T.L., Xu, X.S., Jin, H.L., Hu, X.G. Topside correction of IRI by global modeling of ionospheric scale height using COSMIC radio occultation data. (2016) Journal of Geophysical Research A: Space Physics, 121 (6), pp. 5675-5692., @2016

101. Kutiev, I.S., **Marinov, P.G.**, Watanabe, S.. Model of topside ionosphere scale height based on topside sounder data. Advances in Space Research, 37, 5, 2006, ISSN:0273-1177, DOI:DOI: 10.1016/j.asr.2005.11.021, 943-950. ISI IF:1.183

Цитира се в:

184. Liu, Z.-D., Fang, H.-X., Weng, L.-B., Ma, Q., Zhang, J.-B. Global model of ionospheric hmF2 based on CHAMPE, GRACE and COSMIC radio occultation. (2016) Chinese Journal of Geophysics (Acta Geophysica Sinica), 59 (10), pp. 3555-3565., @2016
185. Wu, M.J., Guo, P., Fu, N.F., Xu, T.L., Xu, X.S., Jin, H.L., Hu, X.G. Topside correction of IRI by global modeling of ionospheric scale height using COSMIC radio occultation data (2016) Journal of Geophysical Research A: Space Physics, 121 (6), pp. 5675-5692., @2016

102. Zlatev, Z., **Dimov, I. T.**. Computational and Numerical Challenges in Environmental Modelling. Elsevier, 2006, ISBN:9780444522092, 392

Цитира се в:

186. Hosseini, B., Stockie, J.M., Bayesian Estimation of Airborne Fugitive Emissions Using a Gaussian Plume Model, Atmospheric Environment 141, 2016, 122-138. DOI: 10.1016/j.atmosenv.2016.06.046. Elsevier. ISSN: 1352-2310. SJR(2015): 1.999. IF (2015): 3.459; 5-year IF: 3.841., @2016
187. Tatiana P. Chernogorova, Lubin G. Vulkov, Numerical solution of a parabolic system in air pollution, Computational Engineering, Finance, and Science (cs.CE) Cite as: arXiv:1604.05122 [cs.CE], @2016
188. Bamdad Hosseini, John M. Stockie, Airborne contaminant source estimation using a finite-volume forward solver coupled with a Bayesian inversion approach, Numerical Analysis (math.NA); Applications (stat.AP); Computation (stat.CO), MSC classes: 65M08, 65M32, 76Rxx, 86A10, Cite as: arXiv:1607.03518 [math.NA], @2016
189. Leelössy, Á., Mona, T., Mészáros, R., Lagzi, I., Havasi, Á., Eulerian and Lagrangian Approaches for Modelling of Air Quality, Chapter: Mathematical Problems in Meteorological Modelling, Volume 24 of the series Mathematics in Industry, 2016, 73-85, Print ISBN:978-3-319-40155-3, DOI: 10.1007/978-3-319-40157-7_5., @2016

190. Leelössy, Á., Mona, T., Mészáros, R., Lagzi, I., & Havasi, Á. (2016). Eulerian and Lagrangian Approaches for Modelling of Air Quality. In Mathematical Problems in Meteorological Modelling (pp. 73-85). Springer International Publishing., **@2016**
191. Ladics, T., Convergence of Operator Splittings for Locally Lipschitz-Continuous Operators in Banach Spaces, Computers and Mathematics with Applications 71 (1), 2016, 57-75. Elsevier. DOI: 10.1016/j.camwa.2015.10.015. ISSN: 0898-1221. SJR(2015): 1.092. IF (2015): 1.398. 5-year IF: 1.873., **@2016**
103. Stoilova K., Stoilov T. Evolution of the workflow management systems. Proceedings of the XLI International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST, Sofia, Bulgaria, 2006, ISBN:954-9518-37-X, 225-228

Цитира се в:

192. A. Meidan, J.A. García-García, M.J. Escalona, I. Ramos. A survey on business processes management suites. J. Computer Standards & Interfaces, 2016, On-line ISSN 1465-7333; Print ISSN 0022-1503; SJR, Impact Factor: 1.268, **@2016**

2007

104. Atanasova, T., Nern, H. J., Dziech, A. & Sgouros, N. M., Nern, H. J., Dziech, A., Sgouros, N. M.. Framework approach for search and meta-data handling of AV objects in digital TV cycles. En: L Rothkrantz & C VanderMast, (eds.), EUROMEDIA 2007, 2007, ISBN:978-90-77381-32-8, 145-147

Цитира се в:

193. Rodrigo Sánchez Jiménez, Jorge Caldera Serrano, Iuliana Botezan, La Web Semántica y los archivos de televisión: estado de la cuestión, Cuadernos de Documentación Multimedia, Vol 27, No 1 (2016), ISSN 1575-9733, **@2016**

105. Przepiorkowski, A., Degorski, L., Wojtowicz, B., Spousta, M., Kubon, V., Simov, K., Osenova, P., Lemnitzer, L.. Towards the automatic extraction of definitions in Slavic.. 2007

Цитира се в:

194. Marie Stará, Vojtěch Kovář. Options for Automatic Creation of Dictionary Definitions from Corpora. Proceedings of the Tenth Workshop on Recent Advances in Slavonic Natural Languages Processing, RASLAN 2016. Edited by Horák A., Rychlý P., Rambousek A. Brno: Tribun EU, 2016. 172 p. ISBN 978-80-263-1095-2, ISSN 2336-4289., **@2016**

106. Ganzha M, Paprzycki M, Lirkov I. Trust Management in an Agent-Based Grid Resource Brokering System-Preliminary Considerations. Applications of mathematics in engineering and economics, 946, American Institute of Physics, 2007, ISBN:978-0-7354-0460-1, ISSN:0094243X, DOI:10.1063/1.2806037, 35-46. SJR:0.151

Цитира се в:

195. Sirous Panahi, Jason Watson, Helen Partridge, Fostering interpersonal trust on social media: physicians' perspectives and experiences, Postgraduate Medical Journal, vol. 92 (1084) DOI: 10.1136/postgradmedj-2015-133270, **@2016**

- 107.** Dimov, D.. A Polar-Fourier-Wavelet Transform for Effective CBIR. Proceedings of the ADMKD'07, 02.10.07, Varna (in the frames of 11-th Int. Conf. ADBIS'07, 29.09-03.10.07, Varna), 2007, 107-118

Цитира се в:

- 196.** Николов, А.Ф.: ВИДЕОСТАБИЛИЗАЦИЯ И 3Д РАЗПОЗНАВАНЕ В РЕАЛНО ВРЕМЕ, Дисертация за ОНС "Доктор", ИИКТ-БАН, 2016, 156 стр., **@2016**

- 108.** Mustakerov, I., D. Borissova. Technical systems design by combinatorial optimization choice of elements on the example of night vision devices design. Comptes rendus de l'Academie bulgare des Sciences, 60, 4, 2007, 373-380

Цитира се в:

- 197.** Ch. Korsemov, H. Toshev. Optimal Planning of the Production of Corpus Details on Metal Cutting Machines with the Help of Computer Numeric Control. IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Vol. 18, Issue 5, Ver. VI (Sep. - Oct. 2016), pp. 86-90, **@2016**

- 109.** Kutiev, I., Marinov, P.. Topside sounder model of scale height and transition height characteristics of the ionosphere. Advances in Space Research, 39, 5, 2007, ISSN:0273-1177, DOI:DOI: 10.1016/j.asr.2006.06.013, 759-766. ISI IF:1.183

Цитира се в:

- 198.** Benson, R.F., Fainberg, J., Osherovich, V.A., Truhlik, V., Wang, Y., Bilitza, D., Fung, S.F. High-latitude topside ionospheric vertical electron density profile changes in response to large magnetic storms. (2016) Radio Science, 51 (5), pp. 524-537, **@2016**

2008

- 110.** Atanasov, E., Dimov, I. T.. What Monte Carlo models can do and cannot do efficiently?. Applied Mathematical Modelling, 32, 8, Elsevier, 2008, ISSN:0307-904X, DOI:10.1016/j.apm.2007.04.010, 1477-1500. SJR:1.318, ISI IF:2.251

Цитира се в:

- 199.** Forghani-elahabad, M., Mahdavi-Amiri, N., An Improved Algorithm for Finding All Upper Boundary Points in a Stochastic-flow Network, Applied Mathematical Modelling 40 (4), 2016, 3221-3229. Elsevier. DOI: 10.1016/j.apm.2015.10.004. ISSN: 0307-904X. SJR(2015): 1.318. IF (2015): 2.291; 5-year IF: 2.400., **@2016**

- 111.** Fidanova S.. Probabilistic Model of Ant Colony optimization for Multiple Knapsack Problem. Lecture Notes in Computer Science, 4818, Springer, 2008, 545-552. SJR:0.339

Цитира се в:

- 200.** Singh, G. and Jain, L., Increasing Impact of ACO in solving Rectangular Packing Problems, International Journal of Recent Trends in Engineering & Research, Vol. 2(5), ISSN: 2455-1457, IF 3.344, 2016, 16-26., **@2016**

- 112.** Atanassova, Lilija. On interval-valued intuitionistic fuzzy versions of L. Zadeh's extension principle.

Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 7, 2008, ISBN:978-83-88311-99-4, 13-19

Цитира се в:

201. Kahraman, C., S.C. Onar and B. Oztaysi. A Comparison of Wind Energy Investment Alternatives Using Interval-Valued Intuitionistic Fuzzy Benefit/Cost Analysis. Sustainability 2016, 8(2), 118; doi:10.3390/su8020118., **@2016**
202. Kahraman, C., İ. U. Sarı, S. C. Onar and B. Oztaysi. Fuzzy Economic Analysis Methods for Environmental Economics. Intelligence Systems in Environmental Management: Theory and Applications, Volume 113 of the series Intelligent Systems Reference Library, September 2016, 315-346., **@2016**
113. Stoyanov, S., Ganchev, I., **Popchev, I.**, O'Droma, M.. An Approach for the Development of InfoStation-Based eLearning Architecture. Compt. Rend. Acad. Bulg. Sci., 62, 9, 2008, ISSN:1310-1331, 1189-1198. ISI IF:0.233

Цитира се в:

203. Kehayova, I., P. Milanov, V. Valkanov. Analytical Level of Velspace. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 426-432, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**
204. Miteva, M., A. Stoyanova-Doycheva, N. Stancheva. Development Intelligent Environment for Generating an E-Learning Lessons about Cultural-Historical Heritage of Bulgaria. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 445-450, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**
205. Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**
114. Kraus, J., **Margenov, S**, Synka, J.. On the multilevel preconditioning of CrouzeixRaviart elliptic problems. Numerical Linear Algebra with Applications, 15, 5, John Wiley and Sons Ltd, 2008, ISSN:10705325, DOI:10.1002/nla.543, 395-416. SJR:1.25, ISI IF:1.431

Цитира се в:

206. Li, B., Xie, X., BPX preconditioner for nonstandard finite element methods for diffusion problems, SIAM Journal on Numerical Analysis, Volume 54, Issue 2, 2016, Pages 1147-1168, **@2016**
115. **Koprinkova-Hristova, P.**, Patarinska, T.. Neural network software sensors design for lysine fermentation process. Applied Artificial Intelligence, 22, 3, Taylor & Francis, 2008, ISSN:0883-9514, DOI:<http://dx.doi.org/10.1080/08839510701881458>, 235-253. ISI IF:0.54

Цитира се в:

207. Enitan, Abimbola M., et al., Optimization of biogas generation using anaerobic digestion models and computational intelligence approaches (2016) Reviews in Chemical Engineering, September 2016, DOI: 10.1515/revce-2015-0057; IF 2015: 2.163, **@2016**

116. Tagarev, T.. Civilians in Defense Ministries. Connections: The Quarterly Journal, 7, 2, 2008, ISSN:1812-1098, 110-117

Цитира се в:

208. Ensuring professionalism and integrity in the Ministry of Defence of Ukraine, Oslo, Centre for Integrity in the Defence Sector, 2016, 58 pages, [@2016](#)

117. Dominiak M, Ganzha M, Gawinecki M, Kuranowski W, Paprzycki M, **Margenov S, Lirkov I.** Utilizing Agent Teams in Grid Resource Brokering. International Transactions on Systems Science and Applications, 3, 4, SpringerOpen, 2008, ISSN:2051-5642, 296-306

Цитира се в:

209. Javed, B., Bloodsworth, P., Rasool, R. U., Munir, K., & Rana, O. (2016). Cloud Market Maker: An automated dynamic pricing marketplace for cloud users. Future Generation Computer Systems, 54, 52-67., [@2016](#)

118. Nern, H. J., **Atanasova, T. V.**, Jesdinsky, G.. Semantic television - A new vision or a new business case approach? Interactive media based edutainment realized as web 3.0 environment.. Tavares & RN Jorge (eds.), EUROMEDIA 2008, 2008, ISSN:978-90-77381-38-0, 153-156

Цитира се в:

210. Rodrigo Sánchez Jiménez, Jorge Caldera Serrano, Iuliana Botezan, La Web Semántica y los archivos de televisión: estado de la cuestión, Cuadernos de Documentación Multimedia, Vol 27, No 1 (2016), ISSN 1575-9733, [@2016](#)

119. **Dimov, I. T.**. Monte Carlo Methods for Applied Scientists. World Scientific, 2008, ISBN:13 978-981-02-2329-8, 308

Цитира се в:

211. Chatterjee, K., A New Green's Function Monte Carlo Algorithm for the Estimation of the Derivative of the Solution of Helmholtz Equation Subject to Neumann and Mixed Boundary Conditions, Journal of Computational Physics 315, 2016, 264-272. Elsevier Academic Press Inc. DOI: 10.1016/j.jcp.2016.02.075. ISSN: 0021-9991. SJR(2015): 2.167. IF (2015): 2.556. 5-year IF: 2.867., [@2016](#)

212. Hao Ji, Novel Monte Carlo Methods for Large-Scale Linear Algebra Operations, Computer Sciences Theses & Dissertations, , [@2016](#)

213. Iván López Moreda, Determining Anaerobic Degradation Kinetics from Batch Tests, Water Sci Technol., Published May 2016, 73 (10) 2468-2474; DOI: 10.2166/wst.2016.110 , 73 (10) 2468-2474., [@2016](#)

214. Sanae, Z., Contributions to the Monte Carlo Study of the Magnetic Properties of Nanomaterials Such as Graphyne and Graphone, arXiv:1603.06766 [cond-mat.mtrl-sci], (or arXiv:1603.06766v1 [cond-mat.mtrl-sci], Cornell Library, [@2016](#)

215. Maria Fyta, Chapter 6: The Monte Carlo method, in: Computational Approaches in Physics, Published October 2016 • Copyright © 2016 Morgan & Claypool Publishers, [@2016](#)

216. Sreten Davidov , Miloš Pantoš, Stochastic assessment of investment efficiency in a power system, Energy, 2016, <http://dx.doi.org/10.1016/j.energy.2016.11.036>, [@2016](#)

217. Walczak, R., Neumann, P., Osiecka, K., Majchrzak, T., Zastosowanie Metody Klas Odniesienia do Prognozowania Realizacji Przedsięwzięć, PTZP, 2016, 886-893., **@2016**
218. Idjis, K., Ourbih-Tari, M., Baghdali-Ourbih, L., Variance reduction in M/M/1 retrial queues using refined descriptive sampling, Communications in Statistics - Simulation and Computation, 2016. DOI: 10.1080/03610918.2016.1140778., **@2016**
219. Thomas E. Murphy, Leslie E. Prufert-Bebout, Brad M. Bebout, A Radiative Transfer Modeling Approach for Accurate Interpretation of PAM Fluorometry Experiments in Suspended Algal Cultures, 2016. DOI: 10.1002/btp.2394., **@2016**
220. Moreda, I. L. (2016). Determining anaerobic degradation kinetics from batch tests. Water Science and Technology, 73(10), 2468-2474., **@2016**
221. Junior, M. M. R., & Wilhelm, V. E. (2016). MENSURAÇÃO DE ÍNDICES DE PODER EM JOGOS DE VOTAÇÃO PONDERADA POR SIMULAÇÃO DE MONTE-CARLO. Blucher Marine Engineering Proceedings, 2(1), 667-677., **@2016**
222. Nonaka H., F.M. Pereira, Experimental and numerical study of CO₂ content effects on the laminar burning velocity of biogas, Fuel, Volume 182, 15 October 2016, 382–390. IF (2015): 3.611. 5-year IF: 4.140., **@2016**
223. Rodrigues, M.M., Wilhelm, V.E., Measurement of Power Indexes in Weighted Voting Games by Monte-Carlo Simulation, IEEE Latin America Transactions 14 (3), 2016, art. no. 7459634, 1454-1459. IEEE Computer Society. DOI: 10.1109/TLA.2016.7459634. ISSN: 1548-0992. SJR(2015): 0.249. IF (2015): 0.436. 5-year IF: 0.372., **@2016**
224. Benzi, M., Evans, T. M., Hamilton, S. P., Pasini, M. L., Slattery, S. R., Analysis of Monte Carlo Accelerated Iterative Methods for Sparse Linear Systems. NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS, 2016. ISSN: 1070-5325. IF (2015): 1.431. 5-year IF: 1.513., **@2016**
225. Davidov, S., Pantoš, M., Stochastic Assessment of Investment Efficiency in a Power System, Energy, Available online 17 November 2016, ISSN 0360-5442. IF (2015): 4.292. 5-year IF: 4.810., **@2016**
226. Dauchet, J., Cornet, J.-F., Gros, F., Roudet, M., Dussap, C.-G., Photobioreactor Modeling and Radiative Transfer Analysis for Engineering Purposes, Advances in Chemical Engineering 48, 2016, 1-106. Elsevier. DOI: 10.1016/bs.ache.2015.11.003. ISSN: 0065-2377. SJR(2015): 0.183., **@2016**
227. Acebrón, J.A., Ribeiro, M.A., A Monte Carlo Method for Solving the One-dimensional Telegraph Equations with Boundary Conditions, Journal of Computational Physics 305, 2016, 29-43. Elsevier Academic Press Inc. DOI: 10.1016/j.jcp.2015.10.027. ISSN: 0021-9991. SJR(2015): 2.167. IF (2015): 2.556. 5-year IF: 2.867., **@2016**
120. Dimov, I. T., Faragó, I., Havasi, Á, Zlatev, Z.. Different Splitting Techniques with Application to Air Pollution Models. International Journal of Environment and Pollution, 32, 2, Inderscience Enterprises Ltd., 2008, ISSN:0957-4352, DOI:10.1504/IJEP.2008.017102, 174-199. SJR:0.24, ISI IF:0.626
- Измисла се в:
228. Leelössy, Á., Mona, T., Mészáros, R., Lagzi, I., Havasi, Á., Eulerian and Lagrangian Approaches for Modelling of Air Quality, Chapter: Mathematical Problems in Meteorological Modelling, Volume 24 of the series Mathematics in Industry, 2016, 73-85, Print ISBN:978-3-319-40155-3, DOI: 10.1007/978-3-319-40157-7_5., **@2016**

121. Monachesi P., **Simov, K.**, Mossel, E., **Osenova, P.**, Lemnitzer, L.. What can ontologies do for eLearning?. 2008

Цитира се в:

229. Ouf, Shimaa, Mahmoud Abd Ellatif, S. E. Salama, and Yehia Helmy. "A proposed paradigm for smart learning environment based on semantic web." Computers in Human Behavior (2016)., **@2016**

122. **Fidanova S, Lirkov I.** Ant Colony System Approach for Protein Folding. Proceedings of the International Multiconference on Computer Science and Information Technology, 3, 2008, ISBN:978-83-60810-14-9, ISSN:1896-7094, 887-891

Цитира се в:

230. Khaji, E., Karami, M., & Garkani-Nejad, Z., 3D protein structure prediction using Imperialist Competitive algorithm and half sphere exposure prediction. Journal of Theoretical Biology, 391 Elsevier, ISSN: 0022-5193, IF 2.116, 2016, 81-87., **@2016**

123. **Mustakerov I., D. Borissova.** Optimal Manufacturing Scheduling for Dependent Details Processing. International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, 2, 11, 2008, ISSN:1307-6892, 78-91

Цитира се в:

231. Кирилов, Л., В. Гуляшки, К. Генова. Многокритериално вземане на решения в задачи за производствени разписания. Изд. Образование, ISBN 978-954-552-074-7, 2016, 281 стр, **@2016**

124. **Stoykov, S.**, Ribeiro, P.. Periodic geometrically nonlinear free vibrations of circular plates. Journal of Sound and Vibration, 315, 3, Elsevier, 2008, ISSN:0022-460X, DOI:10.1016/j.jsv.2008.02.001, 536-555. ISI IF:2.223

Цитира се в:

232. L. Renson, G. Kerschen, B. Cochelin, Numerical computation of nonlinear normal modes in mechanical engineering, Journal of Sound and Vibration 364 (2016) 177-206., **@2016**

233. Chen, Z., Wang, R., Chen, L., Dong, C., Strongly nonlinear free vibration of four edges simply supported stiffened plates with geometric imperfections, Journal of Mechanical Science and Technology 30 (2016) 3469-3476., **@2016**

125. Avramov, I., Rüssel, C., Kolkovska, N., **Georgiev, I.**. Crystallization kinetics and network rigidity. Journal of Physics: Condensed Matter, 20, IOP Publishing, 2008, ISSN:0953-8984, DOI:10.1088/0953-8984/20/33/335203, 335203. ISI IF:1.9

Цитира се в:

234. Dahiya, M.S., Yadav, A., Manyani, N., Chahal, S., Hooda, A., Agarwal, A., Khasa, S. Fe-substituted Co-Li bismuth borate glasses: Crystallization kinetics and optical absorption (2016) Journal of Thermal Analysis and Calorimetry, 126 (3), pp. 1191-1199, **@2016**

235. Liu, S., Tao, H., Zhang, Y., Yue, Y., Reduction-induced inward diffusion and crystal growth on the surfaces of iron-bearing silicate glasses Journal of the American Ceramic Society, 98 (6), pp. 1799-1806, **@2016**

236. Jha, P.K., Pandey, O.P., Singh, K. Non-isothermal crystallization kinetics of K₂O modified sodium-phosphate glasses (2016) Journal of Non-Crystalline Solids, 440, pp. 76-84., **@2016**
237. Rademann, K., Raghuvanshi, V.S., Hoell, A. Crystallization and Growth Mechanisms of Nanostructures in Silicate Glass: From Complete Characterization Toward Applications. From Complete Characterization Toward Applications. (2016) Glass Nanocomposites: Synthesis, Properties and Applications, pp. 89-114., **@2016**

2009

126. Bankov, L., Heelis, R., Parrot, M., Berthelier, J.-J., **Marinov, P.**, Vassileva, A.. WN4 effect on longitudinal distribution of different ion species in the topside ionosphere at low latitudes by means of DEMETER, DMSP-F13 and DMSP-F15 data. Annales Geophysicae, 27, 7, 2009, ISSN:0992-7689, DOI:DOI: 10.5194/angeo-27-2893-2009, 2893-2902. ISI IF:1.66

Цитира се в:

238. Cohen, I.J., Widholm, M., Lessard, M.R., Riley, P., Heavisides, J., Moen, J.I., Clausen, L.B.N., Bekkeng, T.A. Rocket-borne measurements of electron temperature and density with the Electron Retarding Potential Analyzer instrument (2016) Journal of Geophysical Research A: Space Physics, 121 (7), pp. 6774-6782. IF: 3.318, **@2016**
127. Kabakchiev, Chr., Garvanov, I., **Doukovska, L.**, Kyovtorov, V.. TBD Netted Radar System in Presence of Multi False Alarms. Proc. of the 6-th European Radar Conference – EuRAD'09, Rome, Italy, 2009, ISBN:978-2-87487-014-9, 509-512

Цитира се в:

239. Sun, D.-X., Wang, G.-H., Li, Y.-C., Li, S.-Z. (2016) Low observable target tracking processing in the presence of multi-range-false-target jamming. Tien Tzu Hsueh Pao/Acta Electronica Sinica, 44 (4), pp. 826-837., **@2016**
128. Georgiev, S., **Minchev, Z.**, Christova, Ch., Philipova, D.. EEG Fractal Dimension Measurement Before and After Human Auditory Stimulation. International Journal of BioAutomation, 12, Marin Drinov Publishing House, 2009, ISSN:1314-2321, 70-81. SJR:0.228

Цитира се в:

240. Kesić, S., Spasić, S. Application of Higuchi's fractal dimension from basic to clinical neurophysiology: A review, Computer Methods and Programs in Biomedicine, Vol. 133, September 2016, pp. 55–70 2016, DOI 10.1016/j.cmpb.2016.05.014, 5-Year Impact Factor: 1.964, **@2016**
241. Klonowski, W. Fractal Analysis of Electroencephalographic Time Series (EEG Signals), In book: Di Ieva, A. (Editor) The Fractal Geometry of the Brain, Springer Series in Computational Neuroscience, Springer New York, pp. 413-429, 2016, ISBN 978-1-4939-3995-4, DOI 10.1007/978-1-4939-3995-4_25, **@2016**
242. Iglesias-Parro, S., Soriano, M., Ibáñez-Molina, A. Fractals in Affective and Anxiety Disorders, In book: Di Ieva, A. (Editor) The Fractal Geometry of the Brain, Springer Series in Computational Neuroscience, Springer New York, pp. 471-483, 2016, ISBN 978-1-4939-3995-4, DOI 10.1007/978-1-4939-3995-4_29, **@2016**

129. Peneva, V., **Popchev, I.** Multicriteria Decision Making by Fuzzy Relations and Weighting Functions for the Criteria. Cybernetics and Information Technologies, 9, 4, 2009, ISSN:1311-9702, 58-71

Цитира се в:

243. Borissova, D., I. Mustakerov, D. Korsemov. Business Intelligence System via Group Decision Making. - Cybernetics and Information Technologies, 2016, Volume 16, Issue 3, pp. 219-229. Print ISSN: 1311-9702; Online ISSN: 1314-4081, DOI: 10.1515/cait-2016-0045, **@2016**

130. Peneva, V., **Popchev, I.** Models for Fuzzy Multicriteria Decision Making Based on Fuzzy Relations. Compt. Rend. Acad. Bulg. Sci., 62, 5, 2009, ISSN:1310–1331, 551-558. SJR:0.206, ISI IF:0.233

Цитира се в:

244. Borissova, D., I. Mustakerov, D. Korsemov. Business Intelligence System via Group Decision Making. - Cybernetics and Information Technologies, 2016, Volume 16, Issue 3, pp. 219-229. Print ISSN: 1311-9702; Online ISSN: 1314-4081, DOI: 10.1515/cait-2016-0045, **@2016**

131. **Guliashki, V., Toshev, H., Korsemov, Ch.** Survey of Evolutionary Algorithms Used in Multiobjective Optimization. Problems of Engineering Cybernetics and Robotics, 60, Bulgarian Academy of Sciences, 2009, ISSN:0204-9848, 42-54

Цитира се в:

245. Iqbal M., M. Naeem, A. Anpalagan, N. N. Qadri and M. Imran, (2016), " Multi-objective optimization in sensor networks: Optimization classification, applications and solution approaches", Computer Networks 2016, vol. 99 (22), april 2016, pp. 134-161; doi:10.1016/j.comnet.2016.01.015, **@2016**

246. Gupta S. and A. Jawdekar, (2016) Performance Measurement on Multi-Objective Optimization with Its Techniques, International Journal of Database Theory and Application, Vol. 9, No. 4, 2016, pp. 173-186, **@2016**

247. Cai Q., L. Ma, M. Gong, D. Tian, (2016), "A survey on network community detection based on evolutionary computation", International Journal of Bio-Inspired Computation, Vol. 8, Issue 2, **@2016**

248. Bhuvana J., C. Aravindan, (2016), "Memetic algorithm with Preferential Local Search using adaptive weights for multi-objective optimization problems", Soft Computing, April 2016, Vol. 20, Ussue 4, pp. 1365-1388, **@2016**

249. Ayari R., I. Hafnaoui, A. Aguiar, P. Gilbert, M. Galibois, J.-P. Rousseau, G. Beltrame, G. Niculescu, (2016), "Multi-objective mapping of full-mission simulators on heterogeneous distributed multi-processor systems", The Journal of Defense Modeling and Simulation: Applications, Methodology, Technology, July 25, 2016, **@2016**

250. Vachhani V. L., V. K. Dabhi, H. B. Prajapati, (2016), „Improving NSGA-II for solving multi objective function optimization problems“, 2016 International Conference on Computer Communication and Informatics (ICCCI), 7-9 Jan. 2016, Coimbatore, Print ISBN: 978-1-4673-6679-3, pp. 1-6., **@2016**

132. Bucur-Marcu, H., Fluri, Ph., **Tagarev, T.** Defence Management: An Introduction. DCAF, 2009,

ISBN:978-92-9222-089-1, 212

Цитира се в:

251. Hartwell, M. Negotiating Civil–Military Space: Redefining Roles in an Unpredictable World, Abingdon, Oxon: Routledge, 2016, 170 pages, ISBN 9781472440457, [@2016](#)
133. Georgiev, G., **Simov, K.**, Osenova, P., Nakov, P.. Cross-lingual Adaptation as a Baseline: Adapting Maximum Entropy Models to Bulgarian. 2009

Цитира се в:

252. Nguyen, D.Q., Nguyen, D.Q., Pham, D.D., Pham, S.B. A robust transformation-based learning approach using ripple down rules for part-of-speech tagging (2016) AI Communications, 29 (3), pp. 409-422. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969752484&partnerID=40&md5=80ee80f3fb3af209de816b51b05ec5df> DOI: 10.3233/AIC-150698, [@2016](#)
134. Boytcheva, S., Angelova, G.. Towards extraction of conceptual structures from electronic health records. In Proc. of the 17th International Conference on Conceptual Structures (ICCS 2009), 5662, Springer Berlin Heidelberg: Lecture Notes in Computer Science, 2009, ISSN:0302-9743, DOI:10.1007/978-3-642-03079-6_8, 100-113. SJR:0.286

Цитира се в:

253. Cohen, K.B., Baumgartner Jr., W.A., & Temnikova, I. (2016). SuperCAT: The (New and Improved) Corpus Analysis Toolkit. In Proc. of the 10th edition of the Language Resources and Evaluation Conference, 23-28 May 2016, Portorož (Slovenia), ISBN 978-2-9517408-9-1, [@2016](#)
135. Kuzev L., Penchev T., Karastoyanov D.. New Shape Milling Bodies for Ball Mills. Problems of Engineering Cybernetics and Robotics, 61, Academy Publishing House - Prof. Mr. Drinov, 2009, ISSN:0204-9848, 11-20

Цитира се в:

254. Николай Иванов Стоименов., Изследване на движението и взаимодействието при тела с променлива форма., Дисертация за получаване на образователна и научна степен „доктор“, София, 2016 г., [@2016](#)
136. Kosturski, N., Margenov, S.. Numerical Homogenization of Bone Microstructure. Large-Scale Scientific Computing, 5910, Springer, 2009, ISBN:978-3-642-12534-8, ISSN:0302-9743, DOI:10.1007/978-3-642-12535-5_15, 140-147. SJR:0.286

Цитира се в:

255. Ivan Georgiev, HPC biomedical simulations based on CT data, Biomath Communications 3.1 (2016), [@2016](#)
137. Kraus, J., Margenov, S.. Robust Algebraic Multilevel Methods and Algorithms. Radon Series on Computational and Applied Mathematics, 5, de Gruyter, 2009, ISBN:978-3-11-019365, 246

Цитира се в:

256. I. Pultarová, Hierarchical preconditioning for the stochastic Galerkin method: Upper bounds to the strengthened CBS constants, Computers & Mathematics with Applications, Vol. 71 (4) (2016), 949–964, [@2016](#)
257. U. Langer, H. Yang, Robust and efficient monolithic fluid-structure-interaction solvers, Numerical Methods in Engineering (2016), DOI: 10.1002/nme.5214, [@2016](#)
138. Bournaski, E., Iliev, R., **Kirilov, L.**. HEC-HMS Modeling of Rainstorm in a Catchment. The Mesta Case Study. Comptes Rendue de l'Academie Bulgare des Sciences, vol. 62, No9, Bulgarian Academy of Sciences, 2009, 1141-1146. SJR:0.206, ISI IF:0.233

Цитира се в:

258. Ibrahim-Bathis, K.; Ahmed, S.A. (2016) Rainfall-runoff modelling of Doddahalla watershed—an application of HEC-HMS and SCN-CN in ungauged agricultural watershed, Arabian Journal of Geosciences, Vol. 9, issue 3, article 170, Springer, [@2016](#)
139. **Alexiev, K**, Nikolova, I, Zapryanov, G. 3D Scene Restoration Using One Active PTZ Camera. AIP Conference Proceedings, 1186, American Institute of Physics, 2009, ISBN:987-0-7354-0752-7/09, 391-398

Цитира се в:

259. Bo Wang, Yue Dong, Jianghui Dong, Liping Wang, Structure design and system integration of 3D camera platform, Microsyst Technol (2016) 22: 2455. doi:10.1007/s00542-015-2575-7, IF 0.974, [@2016](#)
140. **Minchev, Z.**, Dukov, G, Georgiev, S.. EEG Spectral Analysis in Serious Gaming: An ad hoc Experimental Application. International Journal of BioAutomation, 13, 4, Marin Drinov Publishing House, 2009, ISSN:1314-2321, 79-88. SJR:0.228

Цитира се в:

260. Lee, H., Lee, Y., Lee, K., Yim, K. Security Assessment on the Mouse Data using Mouse Loggers, Advances on Broad-Band Wireless Computing, Communication and Applications, Vol. 2, Lecture Notes on Data Engineering and Communications Technologies, Springer International Publishing, pp. 387-393, 2016, ISSN 2367-4512, DOI 10.1007/978-3-319-49106-6_37, [@2016](#)
261. Chellaiah, P., et al. EEG-Based Assessment of Image Sequence-Based User Authentication in Computer Network Security, In Proc. of International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016, Chennai, India, March 3-5, 2016, pp. 3674-3677, ISBN: 978-1-4673-9939-5, DOI: 10.1109/ICEEOT.2016.7755395, [@2016](#)
141. Peneva, V., **Popchev, I.**. Aggregation of fuzzy relations using weighting function. Compt. Rend. Acad. Bulg. Sci, 62, 5, 2009, ISSN:1310-1331, 551-558. SJR:1.891, ISI IF:1.986

Цитира се в:

262. ILIEVA, Galina. TOPSIS Modification with Interval Type-2 Fuzzy Numbers. Cybernetics and Information Technologies, 2016, 16.2: 60-68. /Cybernetics and Information Technologies. Volume 16, Issue 2, Pages 60–68, ISSN (Online) 1314-4081, DOI: 10.1515/cait-2016-0020, June 2016/, [@2016](#)

142. Ganev K., Syrakov D., Prodanova M., **Atanassov E.**, Gurov T., Karaivanova A., Miloshev N., Chervenkov H. Grid Computing for Air Quality and Environmental: Studies in Bulgaria. EnviroInfo 2009 (Berlin), Environmental Informatics and Industrial Environmental Protection: Concepts, Methods and Tools, Shaker Verlag, 2009, ISBN:978-3-8322-8397-1, 147-155

Цитира се в:

263. Снежана Георгиева Гочева-Илиева, Аналитични, статистически и интелигентни методи за моделиране, Дисертация, Пловдивски университет „Паисий Хиландарски“ Факултет по математика и информатика, Катедра „Приложна математика и моделиране“, **@2016**

143. Kounchev, O., Tsvetkov, M., **Dimov, D.**, Chapanov, Y., Kirov, N., Tsvetkova, K., Kalaglarski, D., Christov, S., Kelevedjiev, E., Borisova, A., Goranova, Y., Borisov, G., Bogdanovski, R., Kolev, A., Stanchev, O., Marinov, A., Zlateva, Z., Laskov, L., Marinov, G.. Astroinformatics: A Synthesis between Astronomical Imaging and Information & Communication Technologies. Bulg. J. Phys, 36, 2, 2009, 60-69

Цитира се в:

264. Radenski, A., T. Gurov, K. Kaloyanova, N. Kirov, M. Nisheva, P. Stanchev, E. Stoimenova: Big data techniques, systems, applications, and platforms: Case studies from academia, 2016 Federated Conference on Computer Science and Information Systems (FedCSIS), Gdansk, 2016, pp. 883-888, **@2016**

144. Peneva, V., **Popchev, I.**. Models for decision making by fuzzy relations and fuzzy numbers for criteria evaluations. Compt. Rend. Acad. Bulg. Sci, 62, 10, 2009, ISSN:1310-1331, 1217-1222. ISI IF:0.204

Цитира се в:

265. ILIEVA, Galina. TOPSIS Modification with Interval Type-2 Fuzzy Numbers. Cybernetics and Information Technologies, 2016, 16.2: 60-68. /Cybernetics and Information Technologies. Volume 16, Issue 2, Pages 60–68, ISSN (Online) 1314-4081, DOI: 10.1515/cait-2016-0020, June 2016/, **@2016**

266. Borissova, D., I. Mustakerov, D. Korsemov. Business Intelligence System via Group Decision Making. - Cybernetics and Information Technologies, 2016, Volume 16, Issue 3, pp. 219-229. Print ISSN: 1311-9702; Online ISSN: 1314-4081, DOI: 10.1515/cait-2016-0045, **@2016**

145. Angelova, V.. Investigations in the Area of Soft Computing. CIT, 9, 1, IICT-BAS, 2009, ISSN:1311-9702, 18-24. SJR:0.17

Цитира се в:

267. Попчев, И. Шест теми по управление на риска, ЛКНТ № 1, ИИКТ-БАН, 2016, eISSN: 2367-8666, eISBN: 978-954-91700-8-5, 73 стр., **@2016**

268. Ilieva, Galina TOPSIS Modification with Interval Type-2 Fuzzy Numbers, Cybernetics and Information Technologies 06/2016; 16(2). DOI:10.1515/cait-2016-0020, **@2016**

146. Kutiev I., **Marinov P.**, Fidanova S., Warnant R.. Modeling Medium-Scale TEC Structures, Observed by Belgian GPS Receivers Network. Int. Journal Advancec in Space Research, 43, 11, Elsevier, 2009, ISSN:273-1177, 1732-1739. ISI IF:0.774

Цитира се в:

269. Paulino I., at all, Periodic waves in the lower thermosphere observed by OI630 nm airglow images, Annales Geophysicae, Vol. 34(2), ISSN: 0992-7689, SJR 0.996, IF 1.709, 2016, 293-301., **@2016**
147. Mitankin, P., **Mihov, S.**, Tinchev, T.. Large vocabulary continuous speech recognition for Bulgarian. International Conference Recent Advances in Natural Language Processing, RANLP, 2009, 246-250

Цитира се в:

270. Kraleva, Radoslava. "Design and development a children's speech database." arXiv preprint arXiv:1605.07735 Submitted on 25 May 2016, **@2016**
271. Nouza, J., Safarik, R., Cerva, P. ASR for south slavic languages developed in almost automated way (2016) Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, 08-12-September-2016, pp. 3868-3872., **@2016**
148. Angelov, M., Kostov, G., Simova, E., Beshkova, D., **Koprinkova-Hristova, P.**. Proto-cooperation factors in yogurt starter cultures. e-Revue de Génie Industriel, 3, Agence Universitaire de la Francophonie, 2009, ISSN:1313-8871, 4-12

Цитира се в:

272. Luiz Rogerio Ludwig Farinha, Efeito da composição de bactérias láticas e da suplementação do soro de leite na cinética de acidificação, crescimento celular e produção de nisina, Doctoral Thesis, Faculdade de Ciências Farmacêuticas, São Paulo, 2016, Date of Defense 2016-06-27, **@2016**
273. Tang, Y.-R., Huang, H.-Y., Hu, J.-B., Rattinam, R., Li, C.-H., Chen, Y.-C., Urban, P.L., Capillary hydrodynamic chromatography reveals temporal profiles of cell aggregates (2016) Analytica Chimica Acta, 910, pp. 75-83. DOI: 10.1016/j.aca.2015.12.049; IF 2015: 4.712, **@2016**
274. He Chen, Chunju Bao, Chuanna Li, Hongchang Wan, Guowei Shu, A BOX-BEHNKEN EXPERIMENTAL DESIGN IN THE DEVELOPMENT OF OPTIMIZED MEDIUM FOR STREPTOCOCCUS THERMOPHILUS, CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Vol. 8(2) 2016; SJR 2015: 0.207, **@2016**
275. Murti, T.W., Robiyati, E., Jundi, H.L., Ramadhani, F., Rustamadji, B., Suranindyah, Y.Y., Development of fermented mare's milk using mixed probiotic cultures (2016) Media Peternakan, 39 (1), pp. 9-13. DOI: 10.5398/medpet.2016.39.1.9, **@2016**
149. **Angelova, G., Mihov, S.**. Finite State Automata and Simple Conceptual Graphs with Binary Conceptual Relations. 16th International Conference on Conceptual Structures, ICCS 2008, 2009, 139-148

Цитира се в:

276. Hitzler, Pascal, and Henrik Scharfe, eds. Conceptual structures in practice. CRC Press, 2016., **@2016**
150. Kutiev, I., **Marinov, P.**, Belehaki, A., Reinisch, B., Jakowski, N. Reconstruction of topside density profile by using the topside sounder model profiler and digisonde data. Advances in Space Research,

43, 11, 2009, ISSN:0273-1177, DOI:DOI: 10.1016/j.asr.2008.08.017, 1683-1687. ISI IF:1.183

Цитира се в:

277. Wu, M.J., Guo, P., Fu, N.F., Xu, T.L., Xu, X.S., Jin, H.L., Hu, X.G. Topside correction of IRI by global modeling of ionospheric scale height using COSMIC radio occultation data (2016) Journal of Geophysical Research A: Space Physics, 121 (6), pp. 5675-5692., **@2016**

2010

151. **Fidanova S., Marinov P.**, Alba E.. ACO for Optimal Sensor Layout. Int. Conf. on Evolutionary Computing, SciTePress-Science and Technology Publications, 2010, ISBN:978-989-8425-31-7, 5-9

Цитира се в:

278. Singh S., Sharma R. M., Optimization Techniques in Wireless Sensor Networks, Int. Conf. ICTCS, Ubaipur, India, 2016, DOI: 10.1145/2905055.2905200, **@2016**

152. Stoyanov, S., Ganchev, I., **Popchev, I.**, O'Droma, O.. An Approach for the Development of a Context-Aware and Adaptive eLearning Middleware. Intelligent Systems: From Theory to Practice, SCI 299, 2010, ISBN:978-3-642-13427-2, 519-535

Цитира се в:

279. Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**

153. **Dimov, I. T., Georgieva, R., Ivanovska, S, Ostromsky, Tz.**, Zlatev, Z.. Studying the Sensitivity of Pollutants' Concentrations Caused by Variations of Chemical Rates. Journal of Computational and Applied Mathematics, 235, 2, Elsevier, 2010, ISSN:0377-0427, DOI:10.1016/j.cam.2010.05.041, 391-402. ISI IF:1.266

Цитира се в:

280. Khaledi, K., Mahmoudi, E., Datcheva, M., König, D., Schanz, T. Sensitivity Analysis and Parameter Identification of a Time Dependent Constitutive Model for Rock Salt. Journal of Computational and Applied Mathematics 293, 2016, 128-138. IF (2015): 1.328. 5-year IF: 1.294., **@2016**

281. С. Гочева-Илиева. Аналитични, статистически и интелигентни методи за моделиране. Дисертация за присъждане на научната степен "Доктор на науките". Пловдивски университет „Паисий Хиландарски“, Факултет по математика и информатика, Катедра „Приложна математика и моделиране“, Пловдив, 2016., **@2016**

154. **Dimitrov, V., Koptchev, V.**. PSIRP project – Publish-Subscribe Internet Routing Paradigm. New ideas for future Internet.. ACM International Conference Proceeding Series, 471, ACM, 2010, ISBN:978-1-4503-0243-2, 167-171

Цитира се в:

282. Virgilio, M. Study and analysis of innovative network protocols and architectures. PhD Thesis, 2016 (Politecnico di Torino), **@2016**

283. Abani, N., Farhadi, G., Ito, A., & Gerla, M. (2016, June). Popularity-based partial caching for Information Centric Networks. In Ad Hoc Networking Workshop (Med-Hoc-Net), Mediterranean (pp. 1-8). IEEE. ISBN:978-150901983-0, DOI:10.1109/MedHocNet.2016.7528426, **@2016**
284. Cheng, T. Y., Gao, W., Jia, X., He, J., & Liu, S. Privacy-preserving publish/subscribe service in untrusted third-party platform. In Communications (ICC), 2016 IEEE International Conference on (pp. 1-6). IEEE. ISBN: 978-147996664-6, DOI: 10.1109/ICC.2016.7511192, **@2016**

155. Peneva, V., **Popchev, I.** Fuzzy Multi-Criteria Decision Making Algorithms. Comptes rendus de l'Académie bulgare des Sciences, 63, 7, 2010, ISSN:1310–1331, 979-992. SJR:0.206, ISI IF:0.233

Цитира се в:

285. ILIEVA, Galina. TOPSIS Modification with Interval Type-2 Fuzzy Numbers. Cybernetics and Information Technologies, 2016, 16.2: 60-68. /Cybernetics and Information Technologies. Volume 16, Issue 2, Pages 60–68, ISSN (Online) 1314-4081, DOI: 10.1515/cait-2016-0020, June 2016/, **@2016**
286. Borissova, D., I. Mustakerov, D. Korsemov. Business Intelligence System via Group Decision Making. - Cybernetics and Information Technologies, 2016, Volume 16, Issue 3, pp. 219-229. Print ISSN: 1311-9702; Online ISSN: 1314-4081, DOI: 10.1515/cait-2016-0045, **@2016**

156. Stoyanov, S., Ganchev, I., **Popchev, I.**, O'Droma, M.. Agent-Oriented Middleware for InfoStation-based mLearning Intelligent Systems. 5th IEEE International Conference on Intelligent Systems IS'10, London, 2010, ISBN:978-1-4244-5164-7, 91-95

Цитира се в:

287. Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**

157. Harizanov, S., Oswald, P.. Stability of Nonlinear Subdivision and Multiscale Transforms. Constructive Approximation, 31, 3, Springer-Verlag, 2010, ISSN:0176-4276, DOI:10.1007/s00365-010-9082-y, 359-393. ISI IF:1.153

Цитира се в:

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

158. Tagarev, T.. Building Integrity and Reducing Corruption in Defence: A Compendium of Best Practices. DCAF, 2010, ISBN:978-92-9222-114-0, 344

Цитира се в:

289. Stoian, V. Corruption in the Defense Sector: Concepts, Practices and Implications for National Security, Countering Hybrid Threats: Lessons Learned from Ukraine, edited by N. Iancu, A. Fortuna, C. Barna (Amsterdam: IOS Press, 2016), 65-73. DOI: 10.3233/978-1-61499-651-4-65, **@2016**

290. Lucas, G. Ethics and Cyber Warfare: The Quest for Responsible Security in the Age of Digital Warfare (New York: Oxford University Press, 2016). ISBN 9780190276522, **@2016**

159. Alexiev, K., Bonchev, St. Improving super-resolution image reconstruction by in-plane camera rotation. Proc. of 13th International Conference on Information Fusion, 2010, ISBN:978-0-9824438-1-1

Цитира се в:

291. Nafise Barzigar, Aminmohammad Roozgard, Pramode Verma, Samuel Cheng, A Video Super-Resolution Framework Using SCoBeP, IEEE Transactions on Circuits and Systems for Video Technology (Volume: 26, Issue: 2, Feb. 2016), pp. 264-277. IF 2.254, **@2016**

292. Xian Du and Brian Anthony, Controlled angular and radial scanning for super resolution concentric circular imaging, Optics Express, Vol. 24, Issue 20, pp. 22581-22595, (2016), <https://doi.org/10.1364/OE.24.022581>, IF 3.148., **@2016**

160. Stoyanov, S., Popcev, I., Doychev, E., Mitev, D., Valkanova, V., Stoyanova-Doycheva, A., Valkanov, V., Minov, I.. Educational portal. Cybernetics and Information Technologies, 10, 3, 2010, ISSN:1311-9702, 49-69

Цитира се в:

293. Kehayova, I., P. Milanov, V. Valkanov. Analytical Level of Velspace. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 426-432, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**

161. Tagarev, T.. Enabling Factors and Effects of Corruption. Connections: The Quarterly Journal, 9, 3, 2010, ISSN:1812-1098, 75-86

Цитира се в:

294. Stoian, V. Corruption in the Defense Sector: Concepts, Practices and Implications for National Security, in Countering Hybrid Threats: Lessons Learned from Ukraine, edited by N. Iancu, A. Fortuna, C. Barna, Amsterdam: IOS Press, 2016, 65-73. DOI: 10.3233/978-1-61499-651-4-65, **@2016**

162. Osenova, P., Simov, K.. Using the linguistic knowledge in BulTreeBank for the selection of the correct parses. 2010, ISSN:1736-6305, 163-174

Цитира се в:

295. Ivelina Nikolova, Svetla Boytcheva, Galia Angelova, Zhivko Angelov. 2016. Combining Structured and Free Textual Data of Diabetic Patients’ Smoking Status. Artificial Intelligence: Methodology, Systems, and Applications Volume 9883 of the series Lecture Notes in Computer Science pp 57-67. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986237634&partnerID=40&md5=4d4ca80bc5ce3cea57a5e0904d20da99> DOI: 10.1007/978-3-319-44748-3_6, **@2016**

163. Damova, M., Kiryakov, A., Simov, K., Petrov, S.. Mapping the central LOD ontologies to PROTON upper-level ontology. 2010

Цитира се в:

- 296.** Declerck, T., Osenova, P., Georgiev, G., Lendvai, P. Ontological modelling of rumors. (2016) Communications in Computer and Information Science, 588, pp. 3-17. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964067331&partnerID=40&md5=b4d1002e62b0abf36cc5aab7d7457d63> DOI: 10.1007/978-3-319-32942-0_1, **@2016**
- 297.** Khan, Arshad, Tiropanis, Thanassis, and Martin, David. 2016. Exploiting Semantic Annotation of Content with Linked Open Data (LoD) to Improve Searching Performance in Web Repositories of Multi-disciplinary Research Data. In: Information Retrieval: 9th Russian Summer School. Springer International Publishing. pp. 130-145. ISBN: 978-3-319-41718-9. DOI: 10.1007/978-3-319-41718-9_7. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979729836&partnerID=40&md5=e2c83843990712911d2bbf28dd4966a4>, **@2016**
- 298.** Höffner, Konrad, Sebastian Walter, Edgard Marx, Ricardo Usbeck, Jens Lehmann, and Axel-Cyrille Ngonga Ngomo. "Survey on Challenges of Question Answering in the Semantic Web." Submitted to the Semantic Web Journal (2016)., **@2016**
- 164.** Tashev T.. Computering simulation of schedule algorithm for high performance packet switch node modelled by the apparatus of generalized nets. 11th International Conference on Computer Systems and Technologies, CompSysTech'10; Sofia; Bulgaria; 17-18 June 2010, 471, ACM Press, 2010, ISBN:978-145030243-2, DOI:10.1145/1839379.1839422, 240-245

Цитира се в:

- 299.** Kolchakov K., Monov V. Numerical examination of algorithms for non-conflict traffic scheduling in crossbar switching nodes, Proceedings of the International Conference ROBOTICS, AUTOMATION AND MECHATRONICS – RAM 2016, 4-6 October 2016, Byaga , Bulgaria. pp. 24–28, ISSN1314-4634, **@2016**
- 165.** Drozdowicz M, Ganzha M, Paprzycki M, Wasielewska K, **Lirkov I**, Olejnik R, Attaoui N. Utilization of Modified CoreGRID Ontology in an Agent-based Grid Resource Management System. Proceedings of the CATA 2010 Conference, International Society for Computers and their Applications, 2010, ISBN:978-1-61738-110-2, 240-245

Цитира се в:

- 300.** Pai, F. P., Hsu, I. C., & Chung, Y. C. (2016). Semantic web technology for agent interoperability: a proposed infrastructure. Applied Intelligence, 44 (1), 1-16. DOI: 10.1007/s10489-015-0690-x SJR 0.777, **@2016**
- 166.** Kosturski, N., Margenov, S. Numerical Homogenization of Bone Microstructure. LNCS, 5910, Springer, 2010, ISSN:03029743, DOI:10.1007/978-3-662-43880-0_39, 347-354. SJR:0.36

Цитира се в:

- 301.** I. Georgiev, HPC biomedical simulations based on CT data, Biomath Communications, Vol. 3(1), 2016, **@2016**
- 167.** Penzov, A.A., Dimov, I.T., Mitev, N., Sirakova, G.I., Szirmay-Kalos, L.. Examining the Distribution of Sampling Point Sets on Sphere for Monte Carlo Image Rendering. 1281, American Institute of Physics, 2010, ISBN:978-0-7354-0834-0, DOI:10.1063/1.3498366, 2103-2106

Цитира се в:

- 302.** Lv, Y., Yuan, R., Song, G., Multivariate Empirical Mode Decomposition and its Application

to Fault Diagnosis of Rolling Bearing, Mechanical Systems and Signal Processing 81, 2016, 219-234. Academic Press Ltd - Elsevier Science. DOI: 10.1016/j.ymssp.2016.03.010. ISSN: 0888-3270. SJR(2015): 1.887. IF (2015): 2.771. 5-year IF: 3.418., **@2016**

- 168.** Stoykov, S., Ribeiro, P.. Nonlinear forced vibrations and static deformations of 3D beams with rectangular cross section: The influence of warping, shear deformation and longitudinal displacements. International Journal of Mechanical Sciences, 52, 11, Elsevier, 2010, ISSN:0020-7403, DOI:10.1016/j.ijmecsci.2010.06.011, 1505-1521. ISI IF:2.287

Цитира се в:

- 303.** S. Lenci, F. Clementi, G Rega, A comprehensive analysis of hardening/softening behaviour of shearable planar beams with whatever axial boundary constraint, Meccanica 51 (2016) 2589–2606., **@2016**
- 304.** C. González-Cruz, J. Jauregui-Correa, G. Herrera-Ruiz, Nonlinear Response of Cantilever Beams Due to Large Geometric Deformations: Experimental Validation, Journal of Mechanical Engineering 62 (2016) 187-196., **@2016**
- 305.** I. Dikaros, E. Sapountzakis, A. Argyridi, Generalized warping effect in the dynamic analysis of beams of arbitrary cross section, Journal of Sound and Vibration, 369 (2016) 119–146., **@2016**
- 306.** A. Motallebi, S. Irani, S. Sazesh, Analysis on jump and bifurcation phenomena in the forced vibration of nonlinear cantilever beam using HBM, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 38 (2016) 515–524., **@2016**
- 307.** D. Zou, L. Liu, Z. Rao, N. Ta, Coupled longitudinal-transverse dynamics of a marine propulsion shafting under primary and internal resonances, Journal of Sound and Vibration 372 (2016) 299–316., **@2016**

- 169.** Koprinkova-Hristova, P.. Backpropagation through time training of a neuro-fuzzy controller. International Journal of Neural Systems, 20, 5, World Scientific, 2010, ISSN:01290657, DOI:10.1142/S0129065710002504, 421-428. ISI IF:6.085

Цитира се в:

- 308.** Ивана Т. Драговић, КОНЗИСТЕНТАН НЕУРО-ФАЗИ СИСТЕМ ЗАКЉУЧИВАЊА, докторска дисертација, Београд, 2016, УНИВЕРЗИТЕТ У БЕОГРАДУ, ФАКУЛТЕТ ОРГАНИЗАЦИОНИХ НАУКА, **@2016**
- 170.** Dimov, I. T., Georgieva, R.. Monte Carlo algorithms for evaluating Sobol' sensitivity indices. Mathematics and Computers in Simulation, 81, 3, Elsevier, 2010, ISSN:0378-4754, DOI:10.1016/j.matcom.2009.09.005, 506-514. ISI IF:0.949

Цитира се в:

- 309.** Sparkman, D., Garza, J. E., Millwater Jr, H. R., Smarslok, B. P. Importance Sampling-based Post-Processing Method for Global Sensitivity Analysis. – In: Proceedings of 18th AIAA Non-Deterministic Approaches Conference, San Diego, USA (p. 1440), 2016. American Institute of Aeronautics and Astronautics Inc, AIAA. ISBN: 978-162410397-1. Doi: 10.2514/6.2016-1440. SJR (2015): 0.97., **@2016**
- 310.** Laoun, B., Naceur, M. W., Khellaf, A., Kannan, A. M., Global Sensitivity Analysis of Proton Exchange Membrane Fuel Cell Model, International Journal of Hydrogen Energy 41 (22),

2016, 9521–9528. ISSN: 0360-3199. DOI: 10.1016/j.ijhydene.2016.04.046. IF (2014): 3.313. 5-year IF: 3.659., [@2016](#)

- 311.** Nguyen-Tuan, L., Lahmer, T., Datcheva, M., Schanz, T., Global and Local Sensitivity Analyses for Coupled Thermo-hydro-mechanical Problems, International Journal for Numerical and Analytical Methods in Geomechanics, 2016. John Wiley and Sons Ltd. DOI: 10.1002/nag.2573. ISSN: 0363-9061. SJR(2015): 1.676. IF (2015): 1.758. 5-year IF: 1.778. Article in Press., [@2016](#)

- 171.** Bencheva, G.. Comparative Analysis of Solution Methods for Delay Differential Equations in Haematology. Large-Scale Scientific Computing, 5910, Springer LNCS, 2010, ISSN:03029743, 711-718. SJR:0.252

Цитира се в:

- 312.** 1. Raimund Burger, Ricardo Ruiz-Baier, Canrong Tian, Stability analysis and finite volume element discretization for delay-driven spatio-temporal patterns in a predator-prey model, Math. Comput. Simulation, Volume 132, Pages 28–52 (Available online 30 June 2016, <http://dx.doi.org/10.1016/j.matcom.2016.06.002>, [@2016](#)

- 172.** Karastoyanov D.. Control of Robots and other Mechatronic Systems. Academy Publ. House “Prof. Marin Drinov”, 2010, ISBN:987-954-322-415-9

Цитира се в:

- 313.** Kostadinov K., Kotev V., Penchev D., Force Sensing of Teleoperated Robotized Cell Injection., Advances in Robotics, Mechatronics and Circuits, ISBN 978-1-61804-242-2, pp 160-163, [@2016](#)

- 314.** Stanislav Simeonov, Neli Simeonova., Graphical Interface for Visually Impaired People Based on Bi-stable Solenoids, The International Journal of Soft Computing and Software Engineering, ISSN:2251-7545, Cornell University Library, doi:10.7321/jscse, [@2016](#)

- 315.** Б. Попов., Проектиране и изработване на високотемпературна пещ с графитов нагревател., RAM 2016, , 3-4 Октомври 2016, Бяла, България. стр. 53-59, ISSN 1314-4634, [@2016](#)

- 173.** Mustakerov, I., Borissova, D.. Wind turbines type and number choice using combinatorial optimization. Renewable Energy, 35, 9, Elsevier, 2010, ISSN:0960-1481, 1887-1894. ISI IF:3.982

Цитира се в:

- 316.** Billionnet, A., M.-Ch. Costa, P.-L. Poirion. Robust optimal sizing of a hybrid energy stand-alone system. European Journal of Operational Research, ISSN: 0377-2217, Vol. 254, 2016, pp. 565-575, [@2016](#)

- 317.** DuPont, B., J. Cagan, P. Moriarty. An advanced modeling system for optimization of wind farm layout and wind turbine sizing using a multi-level extended pattern search algorithm. Energy, ISSN: 0360-5442, vol. 106, 2016, pp. 802-814, [@2016](#)

- 318.** Moradi, M., H. Abdi, S. Lumbreras, A. Ramos, S. Karimi. Transmission expansion planning in the presence of wind farms with a mixed AC and DC power flow model using an Imperialist Competitive Algorithm. Electric Power Systems Research, ISSN: 0378-7796, vol. 140, 2016, pp. 493-506, doi:10.1016/j.epsr.2016.05.025, [@2016](#)

- 319.** Shakoor, R., M. Y. Hassan, A. Raheem, Y.-K. Wu. Wake effect modeling: A review of wind page 45/103

- farm layout optimization using Jensen's model. Renewable and Sustainable Energy Reviews. ISSN: 1364-0321, Vol. 58, 2016, pp. 1048-1059, **@2016**
320. Wang, L., A. Tan, Y. Gu. A novel control strategy approach to optimally design a wind farm layout. Renewable Energy, ISSN: 0960-1481, Vol. 95, 2016, pp.10-21. doi:10.1016/j.renene.2016.03.104, **@2016**
321. DuPont, B., J. Cagan. A hybrid extended pattern search/genetic algorithm for multi-stage wind farm optimization. Optimization and Engineering, Print ISSN: 1389-4420, 2016, pp. 77-103, **@2016**
322. Al-Shammari, E.T., Sh. Shamshirband, D. Petkovic, E. Zalnezhad, P. L. Yee, R. S.Taher, Z. Cojbasic. Comparative study of clustering methods for wake effect analysis in wind farm. Energy, ISSN: 0360-5442, Vol. 95, 2016, pp. 573-579, **@2016**
323. Rehman S., S.S. Ali, S. H. Adil. Wind farm layout design using Cuckoo search algorithm. In Proc. of the 5th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS 2016), ISBN: 978-989-758-184-7, 2016, pp. 257-262, **@2016**
324. Anaya-Lara, O. Offshore wind farms: Technologies, design and operation. Chapter 12: Offshore wind farm arrays. Woodhead Publishing Series in Energy: No 92, Edited by Chong Ng and Li Ran. ISBN: 978-0-08-100779-2, 2016, pp. 389-417, **@2016**

2011

174. Dezert J., Tchamova A.. On the behaviour of Dempster's rule of combination.. Hal-00577983, version 1 - 18 March 2011, 2011

Цитира се в:

325. Faouzi Sebbak , Farid Benhammadi, Total conflict redistribution rule for evidential fusion, 19th International Conference on Information Fusion, Heidelberg, Germany, INSPEC Article number 7528037, pp. 1324-1331, 2016 ., **@2016**
175. Atanassova, Lilija, Atanassov, Krassimir. Intuitionistic fuzzy interpretations of Conway's game of life. Lecture Notes in Computer Science, 6046, Springer, 2011, ISBN:978-3-642-18465-9, DOI:10.1007/978-3-642-18466-6_27, 232-239

Цитира се в:

326. Javier Fernando Botia Valderrama, Methodology for predicting and/or compensating the behavior of optical frequency comb, PhD. Thesis in Universidad de Antioquia, Medellín, Colombia, 2016., **@2016**
176. Popchev, I., Konstantinov, M., Petkov, P., Angelova, V.. Condition numbers of the nonlinear matrix equation $X + A^H X^{-1} A + B^H X^{-1} B = I$. C. R. Acad. Bulgare Sci, 64, 12, BAS, 2011, ISSN:1310-1331, 1679-1688. ISI IF:0.21

Цитира се в:

327. Hasanov, Vejdi I., and Sevdzhan A. Hakkaev. "Convergence analysis of some iterative methods for a nonlinear matrix equation." Computers & Mathematics with Applications 72.4 (2016): 1164-1176., **@2016**

177. **Dimov, I. T., Georgieva, R.** Monte Carlo Method for Numerical Integration based on Sobol' Sequences. Lecture Notes in Computer Science, 6046, Springer, LNCS, 2011, ISBN:978-3-642-18465-9, ISSN:0302-9743, DOI:10.1007/978-3-642-18466-6_5, 50-59. SJR:0.331

Цитира се в:

328. Qu, X., Liu, G., Duan, S., Yang, J. Multi-objective Robust Optimization Method for the Modified Epoxy Resin Sheet Molding Compounds of the Impeller. Journal of Computational Design and Engineering 3(3), 2016, 179–190. Elsevier. ISSN: 2288-4300. DOI: 10.1016/j.jcde.2016.01.002., **@2016**

178. Zahari Zlatev, **Ivan Dimov**, István Faragó, Krassimir Georgiev, Ágnes Havasi, Tzvetan Ostromsky. Solving Advection Equations by Applying the Crank-Nicolson Scheme Combined with the Richardson Extrapolation. International Journal of Differential Equations, 2011, Hindawi, 2011, DOI:10.1155/2011/520840

Цитира се в:

329. Dai, R., Zhang, J., Wang, Y., Higher Order ADI Method with Completed Richardson Extrapolation for Solving Unsteady Convection-diffusion Equations, Computers and Mathematics with Applications 71 (1), 2016, 431-442. Elsevier. DOI: 10.1016/j.camwa.2015.12.007. ISSN: 0898-1221. SJR(2015): 1.092. IF (2015): 1.398. 5-year IF: 1.873., **@2016**

179. Tagarev, T., Ratchev, V.. Civil-Military Interaction in the EU's Comprehensive Approach. IT4Sec Reports, 94, IT4Sec, 2011, ISSN:1314-5614, DOI:10.11610/it4sec.0094, 1-15

Цитира се в:

330. Јуришић, Д. Могућности оружаних снага Босне и Херцеговине у пружању помоћи цивилним властима у ванредним ситуацијама, Докторска дисертација, Београд: Универзитет у Београду, Факултет Безбедности, 2016, **@2016**

180. Boytcheva, S.. Automatic matching of ICD-10 codes to diagnoses in discharge letters. Proceedings of the Workshop on Biomedical Natural Language in conjunction with Recent Advances in Natural Language Processing International Conference, Incoma Ltd., 2011, ISBN:978-954-452-020-5, 19-26

Цитира се в:

331. Parlak, B., & Uysal, A. K. (2016, June). The impact of feature selection on medical document classification. In 2016 11th Iberian Conference on Information Systems and Technologies (CISTI) (pp. 1-5). IEEE. DOI: 10.1109/CISTI.2016.7521524 (Web of Science Accession Number: WOS:000382923300160), **@2016**

332. Ning, W., Yu, M., & Zhang, R. (2016). A hierarchical method to automatically encode Chinese diagnoses through semantic similarity estimation. BMC Medical Informatics and Decision Making, 16(1), 1. ISSN: 14726947, DOI 10.1186/s12911-016-0269-4, (SJR 1.1, Web of Science Accession Number: WOS:000371387400001), **@2016**

181. Mitankin, P., **Mihov, S.**, Schulz, K. U.. Deciding word neighborhood with universal neighborhood automata. Theoretical Computer Science, 412, 22, 2011, 2340-2355

Цитира се в:

- 333.** Zhou, X., Qin, J., Xiao, C., Wang, W., Lin, X., Ishikawa, Y. BEVA: An efficient Query processing algorithm for error-tolerant autocompletion (2016) ACM Transactions on Database Systems, 41 (1), art. no. 5, [@2016](#)
- 182.** Georgiev, K., Zlatev, Z.. Implementation of sparse matrix algorithms in an advection-diffusion-chemistry module. Journal of Computational and Applied Mathematics, 236, 3, Elsevier, 2011, ISSN:0377-0427, DOI:<http://dx.doi.org/10.1016/j.cam.2011.07.026>, 342-353. ISI IF:1.328

Цитира се в:

- 334.** János Karátson, Balázs Kovács, A Parallel Numerical Solution Approach for Nonlinear Parabolic Systems Arising in Air Pollution Transport Problems, in: Book Mathematics in Industry, Vol. 24 2016, Mathematical Problems in Meteorological Modelling Editors: András Bátkai, Petra Csomós, István Faragó, András Horányi, Gabriella Szépszó ISBN: 978-3-319-40155-3 (Print) 978-3-319-40157-7 (Online), pp 57 - 70, [@2016](#)

- 183.** Радева, И.. Проектиране на икономически кълстери. Автоматика и информатика, 4, САИ, 2011, ISSN:0861-7562, 48-52

Цитира се в:

- 335.** Попчев, И. Шест теми по управление на риска. ЛКНТ №. 1, ИИКТ – БАН, 2016, e-ISSN: 2367-8666, e-ISBN: 978-954-91700-8-5, 73 стр. http://parallel.bas.bg/lcst/contents_bg.html, [@2016](#)

- 184.** Genova, K., Kirilov, L., Guliashki, V., Staykov, B., Vatov, D.. A prototype of a web-based decision support system for building models and solving optimization and decision making problems. Proceedings of the 12th International Conference on Computer Systems and Technologies, 578, ACM PRESS, ACM International Conference Proceeding Series, 2011, ISBN:978-1-4503-0917-2, 167-172

Цитира се в:

- 336.** Sgurev V., Drangajov St. (2016) "Decision making in intelligent resource networks under risk", Proceedings of the IEEE 8th International Conference on Intelligent Systems (IS) (Eds.: R. Yager, V. Sgurev, M. Hadjiski, V. Jotsov), Sofia, Bulgaria, September 2016, pp. 272-279, DOI: 10.1109/IS.2016.7737432, Publisher: IEEE, [@2016](#)

- 185.** Elsner, L., Monov, V.. The bialternate matrix product revisited. Linear Algebra and Its Applications, 434, 4, Elsevier, 2011, ISSN:0024-3795, DOI:[doi:10.1016/j.laa.2010.10.016](http://dx.doi.org/10.1016/j.laa.2010.10.016), 1058-1066. SJR:0.874, ISI IF:0.939

Цитира се в:

- 337.** Yilmaz, S., T. Büyükköroğlu, V. Dzhafarov, Random search of stable member in a matrix polytope, Journal of Computational and Applied Mathematics, Volume 308, Pages 59–68, 15 December 2016., [@2016](#)

- 186.** Simov, K., Osenova, P.. Towards Minimal Recursion Semantics over Bulgarian Dependency Parsing. Proceedings of the International Conference Recent Advances in Natural Language Processing 2011, 2011, ISSN:1313-8502, 471-478

Цитира се в:

- 338.** Cătălina Mărănduc, Cenel-Augusto Perez . A resource for the written Romanian: the UAIC

dependency treebank. Proceedings Of The 12th International Conference “linguistic Resources And Tools For Processing The Romanian Language” Mălini, 27-29 October 2016 . pp 79-90. ISSN 1843-911X, @2016

- 187.** **Balabanov, T, Koprinkova-Hristova, P., Doukovska, L.**, Hadjiski, M., Beloreshki, S.. Neural network model of mill-fan system elements vibration for predictive maintenance. Proceedings of the International Symposium on Innovations in Intelligent Systems and Applications (INISTA) 2011, IEEE, 2011, ISBN:978-161284919-5, DOI:10.1109/INISTA.2011.5946102, 410-414

Цитира се в:

- 339.** Hsu, C.-C., Chen, M.-S., Intelligent maintenance prediction system for LED wafer testing machine (2016) Journal of Intelligent Manufacturing, 27 (2), pp. 335-342. DOI: 10.1007/s10845-013-0866-3; IF 2015: 1.995, @2016

- 188.** **Mustakerov I., D. Borissova.** Wind Park Layout Design Using Combinatorial Optimization. Wind Turbines, InTech, 2011, ISBN:978-953-307-221-0, 21

Цитира се в:

- 340.** Jornada D., V. J. Leon. Robustness methodology to aid multiobjective decision making in the electricity generation capacity expansion problem to minimize cost and water withdrawal. Applied Energy, ISSN: 0306-2619, Vol. 162, 2016, pp. 1089-1108, @2016

- 341.** Yu-Wei Wu, Yiyu Shi, Sudip Roy, Tsung-Yi Ho. Obstacle-avoiding wind turbine placement for power loss and wake effect optimization. ACM Transactions on Design Automation of Electronic Systems, ISSN: 1084-4309, EISSN: 1557-7309, Vol. 22(1), 2016, @2016

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

Цитира се в:

- 342.** Kober, S., Reichert, J., Neuper, Ch., Wood, G. Interactive Effects of Age and Gender on EEG Power and Coherence During a Short-Term Memory Task in Middle-Aged Adults, Neurobiology of Aging, Vol. 40, 127–137, 2016, ISSN 0197-4580, DOI 10.1016/j.neurobiolaging.2016.01.015, 5-Year Impact Factor = 5.224, @2016

- 343.** Reyes, E., Estudio del comportamiento fisiológico de usuario de la web como determinante del género basado en herramientas de eye tracking, electroencefalograma y técnicas de minería de datos, Universidad de Chile, Facultad de Ciencias Físicas y Matemáticas, Departamento de Ingeniería Industrial, 2016, @2016

- 190.** **Fidanova S., Marinov P..** Optimal Wireless Sensor Network Coverage with Ant Colony Optimization. Int. Conf. on Swarm Intelligence, 2011

Цитира се в:

- 344.** Ng, C.K., Wu, C.H., Ip, W.H., Zhang, J., Ho, G.T.S. and Chan, C.Y., August. Network Topology Management Optimization of Wireless Sensor Network (WSN). Intelligent Computing Theories and Applications, Lecture Notes in Computer Science Springer 9772, ISSN 0302-9743, 2016, 850-859., @2016

- 345.** Singh, Surjit, and Rajeev Mohan Sharma. "Optimization Techniques in Wireless Sensor

Networks." In Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies, p. 140. ACM, 2016., **@2016**

191. **Atanasova, T., Tashev, T.**. Analysis and Evaluation of Energy Losses in Living Environment on the Basis of Cognitive-Expert Classification. Problems of Engineering Cybernetics and Robotics, 64, Prof. Marin Drinov Academic Publishing House, 2011, ISSN:0204-9848, 11-18

Цитира се в:

346. Alexandrov, A., Ad-hoc kalman filter based fusion algorithm for real-time wireless sensor data integration, Advances in Intelligent Systems and Computing Volume 400, 2016, Pages 151-159, ISSN:2194-5357, **@2016**

192. Konstantinov, M., Petkov, P., **Popchev, I., Angelova, V.**. Sensitivity of the matrix equation $A_0 + \sum_{i=1}^k \sigma_i A^*_i X^{p_i} A_i = 0$, $\sigma_i = \pm 1$. Appl. Comput. Math., 10, 3, AZERBAIJAN NATIONAL ACAD SCI, 2011, ISSN:1683-3511, 409-427. ISI IF:0.551

Цитира се в:

347. Hasanov, Vejdi I., and Sevdzhan A. Hakkaev. "Convergence analysis of some iterative methods for a nonlinear matrix equation." Computers & Mathematics with Applications 72.4 (2016): 1164-1176., **@2016**

193. **Kolchakov, K.**. Research on the algorithm with diagonal activation for non conflict schedule in case of a large size switching matrix. Proceedings of the Int. Conference "DCCN 2011", October 26-28, 2011. Moscow, Russia., 2011, ISBN:978-5-9901871-2-2, 135-140

Цитира се в:

348. Ташев, Т., А. Баканов, Р. Ташева. Верхняя граница пропускной способности коммутатора с матричным переключателем для входящего трафика типа модифицированной модели Чанг-а. Доклади на Университетската годишна научна конференция на Национален Военен Университет «В.Левски» 2016, 20-21 Октомври 2016, Велико Търново, България. Издателски комплекс НВУ, 2016, том 2, стр.107-115. ISSN 1314-1937., **@2016**

194. Von Groll, G., **Mihov, S.**, Solheim, C., Dyrdal, D.. Media-based computational influencer network analysis. US Patent 7,933,843, 2011, 1-1

Цитира се в:

349. Newton, Christopher Daniel, Marcel Albert Lebrun, and Christopher Bennett Ramsey. "Method and system for determining on-line influence in social media." U.S. Patent No. 9, 245, 252. 26 Jan. 2016., **@2016**

350. Chen, Jilin, Kyumin Lee, and Jalal U. Mahmud. "Selecting strangers for information spreading on a social network." U.S. Patent No. 9, 251, 475. 2 Feb. 2016., **@2016**

195. **Stoykov, S.**, Ribeiro, P.. Stability of nonlinear periodic vibrations of 3D beams. Nonlinear Dynamics, 66, Springer, 2011, ISSN:0924-090X, DOI:10.1007/s11071-011-0150-z, 335-353. ISI IF:2.849

Цитира се в:

351. Yi-Ren Wang, Shu-Chien Tu, Influence of tuned mass damper on fixed-free 3D nonlinear beam embedded in nonlinear elastic foundation, Meccanica 51 (2016) 2377–2416., **@2016**

352. Alexandre de Macêdo Wahrhaftig, Reyolando Manoel Lopes Rebello da Fonseca Brasil, Representative experimental and computational analysis of the initial resonant frequency of largely deformed cantilevered beams, International Journal of Solids and Structures 102–103 (2016) 44–55., **@2016**
196. Genova, K., Guliashki, V.. Linear Integer Programming Methods and Approaches – a Survey. Cybernetics and Information Technologies, 1, BAS, Institute of Information and Communication Technologies, 2011, ISSN:1311-9702, 3-25. SJR:0.212

Цитира се в:

353. Cho S. J., H. B. Jun, D. Kiritsis, (2016), “Heuristic algorithms for maximising the total profit of end-of-life computer remanufacturing”, International Journal of Production Research, Accepted: 3 Jul 2016, Published online: 20 Jul 2016, **@2016**
354. Knisely, Nathan C. L., (2016), “Cyber-physical acquisition strategy for COTS-based agility-driven engineering”, Ph.D. Dissertation, Date: 12.04.2016, Georgia Institute of Technology, department: Aerospace Engineering, URL: <http://hdl.handle.net/1853/55007>, **@2016**
355. Harn L., C.-F. Hsu, M. Zhang, T. He, M. Zhang, (2016), „Realizing secret sharing with general access structure”, Information Sciences, Volumes 367–368, 1 November 2016, pages 209–220, **@2016**
356. Wang, B., Y. Song, Y. Sun, J. Liu, (2016) Server Consolidation for Internet Applications in Virtualized Data Centers, Simulation Series, 48 (4), pp. 177-184., **@2016**
197. Stoykov, S., Ribeiro, P.. Nonlinear free vibrations of beams in space due to internal resonance. Journal of Sound and Vibration, 330, 18, Elsevier, 2011, ISSN:0022-460X, DOI:10.1016/j.jsv.2011.04.023, 4574-4595. ISI IF:2.223

Цитира се в:

357. L. Renson, G. Kerschen, B. Cochelin, Numerical computation of nonlinear normal modes in mechanical engineering, Journal of Sound and Vibration 364 (2016) 177–206., **@2016**
358. I.I. Anik'ev, V.A. Maksimyuk, M.I. Mikhailova, E.A. Sushchenko, Experimental Determination of the Amplification Factor for an Elastic Cantilever-Beam-Bar System, International Applied Mechanics 52 (2016) 398–403., **@2016**
198. Boshnakov, K., V. Petkov, **L. Doukovska, D. Borissova, S. Kojnov**. Approaches for Diagnostic and Predictive Maintenance. Proc. SPIE 8008, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments, 80081Z, 2011, DOI:10.1117/12.905182

Цитира се в:

359. M.A. Mendes, L. G. R. Tonini, P. R. Muniz, C. B. Donadel. Thermographic analysis of parallelly cables: A method to avoid misdiagnosis. Applied Thermal Engineering, ISSN: 1359-4311, Vol. 104, 2016, pp. 231-236, **@2016**
360. L.L.Schuína, M.Brunoro, P.R.Muniz, Termografia Infravermelha Aplicada a Conexões Elétricas Defeituosas, VI Simpósio Brasileiro de Sistemas Elétricos, Brazil, ISSN 2177-6164, 2016, **@2016**
199. Balaz A., Prnjat, O., Vudragovic, D., Slavnic, V., Liabotis, I., **Atanassov, E.**, Jakimovski, B., Savic, M.. Development of Grid e-Infrastructure in South-Eastern Europe. Journal of Grid Computing, 9, 2,

Springer Netherlands, 2011, ISSN:1570-7873, DOI:10.1007/s10723-011-9185-0, 135-154. SJR:1.503, ISI IF:1.507

Цитира се в:

- 361.** Filipović, L., Krstajić, B., Combined load balancing algorithm in distributed computing environment, Information Technology and Control, 2016, 45 (3), pp. 261-266. DOI: 10.5755/j01.itc.45.3.13084, SJR: 0.385 (2015), **@2016**
- 200.** Mustakerov, I., Borissova, D.. A conceptual approach for development of educational Web-based e-testing system. Expert Systems with Applications, 38, 11, 2011, ISSN:0957-4174, 14060-14064. ISI IF:2.571

Цитира се в:

- 362.** XU Pu-le WANG Yang HUANG Ya-kun HAN Wen-kai ZHAO Chuan-xin. Evaluation model of cloud computing resources dynamic usability based on user behavior feature. Computer Science, ISSN: 1002-137X, Vo1. 43(6A), 2016, pp. 306-309, **@2016**
- 363.** Ozgun Bursalioglu, Murat Luy, Volkan Ates, Atilla Erguzen. Mobile device supported online examination system appropriate to distance learning. IJAEDU- International E-Journal of Advances in Education, ISSN: 2411-1821, Vol. 2(4), 2016, pp. 95-104, **@2016**
- 201.** Tashev, T., Atanasova, T.. Computer simulation of MiMa algorithm for input buffered crossbar switch. International Journal "Information Technologies & Knowledge", 5, 2, ITHEA, 2011, ISSN:1313-0455, 183-189

Цитира се в:

- 364.** Kolchakov K, Monov V., Numerical examination of algorithms for non-conflict traffic scheduling in crossbar switching nodes, Proceedings of the International Conference ROBOTICS, AUTOMATION AND MECHATRONICS – RAM 2016, 4-6 October 2016, Byaga, Bulgaria, pp. 24 – 28, ISSN1314-4634, Prof. Marin Drinov Academic Publishing House, **@2016**
- 202.** Harizanov, S., Oswald, P., Shingel, T.. Normal multi-scale transforms for curves. Foundations of Computational Mathematics, 11, 6, Springer, 2011, ISSN:1615-3383, DOI:10.1007/s10208-011-9104-6, 617-656. ISI IF:2.389

Цитира се в:

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

2012

- 203.** Hernández-Vela, A., Zlateva, N., Marinov, A., Reyes, M., Radeva, P., Dimov, D., Escalera, S.. Human limb segmentation in depth maps based on spatio-temporal Graph-cuts optimization. Journal of Ambient Intelligence and Smart Environments, 4, IOS Press, 2012, DOI:10.3233/AIS-2012-0176, 535-546. SJR:0.766

Изтупа се в:

366. López, V.P.: Evolutionary Bags of Space-Time Features for Human Analysis, PhD Thesis, Universitat de Barcelona, May 2016, 150p., [@2016](#)
204. **Balabanov, T., Zankinski, I., Dobrinkova, N.** Time Series Prediction by Artificial Neural Networks and Differential Evolution in Distributed Environment. Proceedings of International Conference on Large-Scale Scientific Computing, 8th International Conference, 7116, Springer, 2012, ISBN:978-3-642-29842-4, 198-205. SJR:0.308

Изтупа се в:

367. Keremedchiev, D., Barova, M., Tomov, P., Mobile Application as Distributed Computing System for Artificial Neural Networks Training Used in Perfect Information Games, Proceedings of International Scientific Conference UniTech, Gabrovo, Bulgaria, ISSN 1313-230X, vol. 2, pp. 389-393, 2016., [@2016](#)
205. **Tashev T., Monov V.** Modeling of the hotspot load traffic for crossbar switch node by means of Generalized Nets. 6th IEEE International Conference on Intelligent Systems, IEEE, 2012, ISBN:978-146732782-4, DOI:10.1109/IS.2012.6335214, 187-191

Изтупа се в:

368. Balabanov, T. , Zankinski, I. , Barova, M. Strategy for individuals distribution by incident nodes participation in star topology of distributed evolutionary algorithms. J. Cybernetics and Information Technologies, Volume 16, Issue 1, 2016, Pages 80-88. DOI: 10.1515/cait-2016-0006, [@2016](#)
206. **Tchamova, A., Dezert, J..** On the behavior of Dempster rule of combination and the foundations of Dempster-Shafer Theory. Proceedings of 6th IEEE International Conference "Intelligent Systems" 2012, 2012, ISBN:978-1-4673-2276-8, DOI:10.1109/IS.2012.6335122

Изтупа се в:

369. Yifei Tong , Ruiwen Zhao , Wei Ye , Dongbo Li , "Research on energy efficiency evaluation for overhead crane", Kybernetes journal , Vol. 45 Iss: 5, pp.788 – 797, 2016., [@2016](#)
207. **Borissova D., I. Mustakerov, L. Doukovska.** Predictive maintenance sensors placement by combinatorial optimization. Int. Journal of Electronics and Telecommunications, 58, 2, 2012, ISSN:0867-6747, 153-158. SJR:0.164

Изтупа се в:

370. Loris Vincenzi, Laura Simonini. Influence of model errors in optimal sensor placement. Journal of Sound and Vibration, <http://dx.doi.org/10.1016/j.jsv.2016.10.033>, [@2016](#)
208. **Todorov, Y., Nacheva, I., Miteva, D., Loginovska, K., Tsvetkov, Tsv..** Modern high technology solutions for quality and long- term vegetable preservation. Bulgarian Journal of Agricultural Science, 18, 2, Agricultural Academy, Bulgaria, 2012, ISSN:1310-0351, 161-165. SJR:0.196

Изтупа се в:

371. D. Yuvaraj, B. Suvasini, R. Fouziya, Resins as a Preservative for Fruits and Vegetables, International Journal of Current Microbiology and Applied Sciences, ISSN: 2319-7706, Volume 5 Number 9(2016), [@2016](#)

- 209.** Dimov, I. T., Georgieva, R., Ostromsky, Tz.. Monte Carlo Sensitivity Analysis of an Eulerian Large-scale Air Pollution Model. Reliability Engineering and System Safety, 107, 2012, ISSN:0951-8320, DOI:10.1016/j.ress.2011.06.007, 23-28. ISI IF:1.897

Цитира се в:

372. Cheng, F., Yuan, X., Zhao, S., Cui, Y. The Monte Carlo Method Based on High-Dimensional Integral Calculation. International Journal of Computational and Engineering 1 (3), 2016, 53-55. Academic Publishing House. ISSN: 2415-1351., **@2016**

- 210.** Liolios, K., Moutsopoulos, K., Tsirhrintzis, V.. Modeling of flow and BOD fate in horizontal subsurface flow constructed wetlands. Chemical Engineering Journal, 200-202, Elsevier, 2012, ISSN:1385-8947, DOI:<http://dx.doi.org/10.1016/j.cej.2012.06.101>, 681-693. SJR:1.743, ISI IF:5.439

Цитира се в:

373. Yin Z, Wu Y. and Lu X. (2016). Kinetic modelling of total phosphorus removal in landscape type and vegetable type horizontal subsurface-flow constructed wetlands. Huagong Xuebao/CIESC Journal, vol. 67(5), pp. 2048-2055., **@2016**

374. Yin Z, Wu Y. and Lu X. (2016). Simulation of nitrogen and phosphorus removal in hydroponic vegetable filter bed based on first-order kinetics model. Dongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Southeast University (Naure Science Edition), vol. 46(4), pp. 812-817., **@2016**

375. Kadaverugu, R. (2016). Modeling of subsurface horizontal flow constructed wetlands using OpenFOAM®. Modeling Earth Systems and Environment, vol. 2(2), 1-10., **@2016**

376. Kotti I.P., Sylaios G.K. and Tsirhrintzis V.A. (2016). Fuzzy modeling for nitrogen and phosphorus removal estimation in free-water surface constructed wetlands. Environmental Processes, vol. 3(1), 65-79., **@2016**

377. 1. Bai S., Lv T., Ding Y., Li X., You S., Xie Q. and Brix H. (2016). Multilayer substrate configuration enhances removal efficiency of pollutants in Constructed Wetlands. Water, vol. 8(12), DOI: 10.3390/w8120556., **@2016**

- 211.** Dezert, J., Wang, P., Tchamova, A.. On the validity of Dempster-Shafer Theory. 15th International Conference on Information Fusion (FUSION) 2012, 2012, ISBN:978-1-4673-0417-7, 655-660

Цитира се в:

378. Mohamed El Yazid Boudaren, Wojciech Pieczynski, Dempster-Shafer Fusion of Evidential Pairwise Markov Chains, IEEE Transactions on Fuzzy Systems Journal, Vol.74 • 2016, DOI: 10.1109/TFUZZ.2016.2543750 , 2016., **@2016**

379. Kevin Alejandro ROUNDY, Sandeep Bhatkar, Systems and methods for using event-correlation graphs to generate remediation procedures, US Patent 9256739 B1, 2016., **@2016**

380. Wojciech Jamrozik , "Diversity Measures in Classifier Ensembles Used for Rotating Machinery Fault Diagnosis", Chapter in Advances in Condition Monitoring of Machinery in Non-Stationary Operations, Volume 4 of the series Applied Condition Monitoring pp 309-319, 2016, **@2016**

- 212.** Osenova, P., Simov, K.. The Political Speech Corpus of Bulgarian. LREC 2012, 2012, ISSN:978-2-

9517408-7-7, 1744-1747

Цитира се в:

381. Fabrizio Esposito, Anna Corazza, Francesco Cutugno. Topic Modelling with Word Embeddings. Proceedings of Third Italian Conference on Computational Linguistics (CLiC-it 2016) & Fifth Evaluation Campaign of Natural Language Processing and Speech Tools for Italian. Final Workshop (EVALITA 2016). Napoli, Italy, December 5-7, 2016., **@2016**
382. Antoni Sobkowicz. Political Discourse in Polish Internet – Corpus of Highly Emotive Internet Discussions. Proceedings of the 4th Conference on CMC and Social Media Corpora for the Humanities, Ljubljana, Slovenia, 27–28 September 2016. pp. 58-61 ISBN 978-961-237-859-2, **@2016**
213. Терзиева, В., Кадемова-Кацарова, П.. Уеб-ресурси и услуги за допълващо обучение на деца със СОП. Сборник доклади на Национална конференция "Образоването в информационното общество", ADIS 2012, Institute of Mathematics and Informatics - BAS, Association for the Development of the Information Society, 2012, ISSN:1314-0752, 273-282

Цитира се в:

383. Павлов, Стоян. Роля на ИКТ в процеса на обучение на деца и ученици със СОП, Национална Конференция „Образоването в света на технологиите”, 14-15.04.2016, Перник, стр. 32 – 49., **@2016**
214. Shindarov M., Fidanova S., Marinov P.. Wireless Sensor Positioning Algorithm,. IEEE Conf. on Intelligent Systems, 2012, 419-424

Цитира се в:

384. Singh S., Sharma R. M., Optimization Techniques in Wireless Sensor Networks, Int. Conf. ICTCS, Ubaipur, India, 2016, DOI: 10.1145/2905055.2905200, **@2016**
215. Радева, И.. Приложение на теорията на размитите множества в задачи за избор при икономическа кластеризация.. Корпоративните финанси на формиращи се пазари. Изследвания и практики, Нов Български Университет - София, 2012, ISBN:978- 954-535, 186-217

Цитира се в:

385. Попчев, И. Шест теми по управление на риска. ЛКНТ №. 1, ИИКТ – БАН, 2016, e-ISSN: 2367-8666, e-ISBN: 978-954-91700-8-5, 73 стр. http://parallel.bas.bg/lcst/contents_bg.html, **@2016**
216. Иванов Вл., Е.. “Разработка на управляващи устройства с препрограмируеми прибори” десета национална младежка научно-практическа сесия, София, 23-25 април, 2012. 2012, ISSN:1314 0698, 89-91
- Цитира се в:
386. Gyoshev S, Theory of Controlled Impacts, PROBLEMS OF ENGINEERING CYBERNETICS AND ROBOTICS Volume 67, Sofia 2016, p. 11-18, ISSN 0204-9848, **@2016**

217. Doukovska, L., Atanassov, K.. Generalized net Model of Hydro Power. Proc. of the 13th International

Workshop on Generalized Nets - IWGN'12, London, UK, 29 October 2012, Prof. Marin Drinov Publishing House, 2012, ISSN:1313-6860, 83-90

Цитира се в:

- 387.** Tashev, T., M. Marinov, Vl. Monov, R. Tasheva, Modeling of the MiMa-algorithm for crossbar switch by means of Generalized Nets, Proceedings of the IEEE 8th International Conference on Intelligent Systems (IS), 4-6 Sept. 2016, Sofia, Bulgaria, Publisher: IEEE , DOI 10.1109/IS.2016.7737486, Electronic ISBN: 978-1-5090-1354-8, pp. 593-598, 2016., **@2016**
- 218.** Hernández-Vela, A., Zlateva, N., Marinov, A., Reyes, M., Radeva, P., **Dimov, D.**, Escalera, S.. Graph Cuts Optimization for Multi-Limb Human Segmentation in Depth Maps. IEEE Conf. CVPR'2012, 2012, ISSN:1063-6919, DOI:10.1109/CVPR.2012.6247742, 726-732. SJR:4.199

Цитира се в:

- 388.** Lee, S.W., Y.H. Seo, H.S. Yang: Efficient foreground extraction using RGB-D imaging, Springer Multimedia Tools and Applications, May 2016, Vol. 75, Issue 9, pp.4969–4980, doi:10.1007/s11042-013-1789-x, **@2016**
- 389.** Gong, W., X. Zhang, J. González, A. Sobral, T. Bouwmans, C. Tu, and E.l. Zahzah: Human Pose Estimation from Monocular Images: A Comprehensive Survey, Sensors 2016, 16(12), 1966; doi:10.3390/s16121966, **@2016**
- 390.** Hynes, A., S. Czarnuch: Combinatorial Optimization for Human Body Tracking, In Advances in Visual Computing, LNCS, Vol. 10073, 2016, pp. 524-533, DOI 10.1007/978-3-319-50832-0_51 (SJR: 0.252), **@2016**
- 391.** Czarnuch, S., A. Mihailidis: Development and evaluation of a hand tracker using depth images captured from an overhead perspective, J. Disability and Rehabilitation: Assistive Technology, Vol. 11, Issue 2, 2016, pp. 150-157, **@2016**
- 392.** Sigalas, M., M. Pateraki and P. Trahanias: Full-Body Pose Tracking—The Top View Reprojection Approach, IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 38, no. 8, pp. 1569-1582, Aug. 1 2016, doi: 10.1109/TPAMI.2015.2502582, **@2016**
- 393.** Kim, H., S. Lee, Y. Kim, S. Lee, D. Lee, J. Ju, H. Myung: Weighted joint-based human behavior recognition algorithm using only depth information for low-cost intelligent video-surveillance system, Elsevier, Expert Systems with Applications, Vol.45, 1 March 2016, pp.131–141, IF = 2.981, **@2016**
- 394.** Palmero, C., A. Clapés, C. Bahnsen, A. Møgelmose, T. B. Moeslund, S. Escalera: Multi-modal RGB–Depth–Thermal Human Body Segmentation, Springer Int. J. of Computer Vision, June 2016, Vol.118, Issue 2, pp.217–239, DOI: 10.1007/s11263-016-0901-x, **@2016**
- 219.** Fidanova S., Marinov P., Alba E.. Ant algorithm for optimal sensor deployment. Studies in Computational Intelligence, 399, Springer, 2012, ISSN:1860-949X, DOI:doi:10.1007/978-3-642-29843-1_21, 21-29. SJR:0.235

Цитира се в:

- 395.** HU Pan, WANG Hai-tao, TIAN Gui-yun, GAO Yun-lai, ZENG Wei. Challenges and Applications of Structure Health Monitoring for Railway Based on Wireless Sensor Network, Nondestructive Testing, 38(12), 2016, 32-35, **@2016**

396. Singh, S., Chand, S. and Kumar, B., Optimum sink location for sensor deployment in wireless sensor networks. Journal of Information and Optimization Sciences, 37(4), ISSN: 0252-2667, 2016, pp.605-619., **@2016**
397. Abidin, H. Zainol, S. R. Subhamaniam, N. M. Din, and N. A. M. Radzi. "WSN based intruder detection system based on Territorial Predator Scent Marking Algorithm (TPSMA) sensor node placement scheme." In Computer Applications & Industrial Electronics, , art. no. 7575026, pp. 1-6., **@2016**
398. Singh S., Sharma R. M., Optimization Techniques in Wireless Sensor Networks, Int. Conf. ICTCS, Ubaipur, India, 2016, DOI: 10.1145/2905055.2905200, **@2016**
399. Yi, T.H., Zhou, G.D., Li, H.N. and Wang, C.W., Optimal placement of triaxial sensors for modal identification using hierachic wolf algorithm. Structural Control and Health Monitoring, ISSN: 1545-2263, IF 2.082, DOI: 10.1002/stc.1958, 2016., **@2016**
220. Efendiev, Y., Galvis, J., Lazarov, R., **Margenov, S.**, Ren, J.. Robust two-level domain decomposition preconditioners for high-contrast anisotropic flows in multiscale media. Comp. Meth. Appl. Math., 12, 4, de Gruyter, 2012, ISSN:1609-9389, 415-436. SJR:0.653

Цитира се в:

400. Marcinkowski, L., Rahman, T., Schwarz preconditioner with face based coarse space for multiscale elliptic problems in 3D, LNCS, Volume 9574, 2016, 345-354, **@2016**
221. Kostov, G., Popova, S., Gochev, V., **Koprinkova-Hristova, P.**, Angelov, M., Georgieva, A.. Modeling of Batch Alcohol Fermentation with Free and Immobilized Yeasts Saccharomyces cerevisiae 46 EVD. Biotechnol. Biotechnol. Eq., 25, Taylor & Francis, 2012, ISSN:13102818, DOI:10.5504/BBEQ.2012.0025, 3021-3030. ISI IF:0.3

Цитира се в:

401. Илиев, В. К., Хидродинамични характеристики на флуидизирани слоеве имобилизираны биокатализатори с приложение във ферментационната промишленост, Дисертационен труд за придобиване на образователна и научна степен „доктор”, УХТ-Пловдив, 2016, **@2016**
402. Liu Dengfeng, Xu Ling, Xiong Weili, Jiang Lihua, Zhang Hongtao Xu Baoguo, Fermentation process modeling with Marquardt algorithm and Runge-Kutta algorithm, Computer Enginnering and Applications (2016), vol. 52 (1), pp.239-243; ISSN: 1002-8331; DOI: 10.3778/j.issn.1002-8331.1312-0470.html, **@2016**
403. Ji, M., Miao, Y., Chen, J.Y., You, Y., Liu, F., Xu, L., Growth characteristics of freeze-tolerant baker's yeast Saccharomyces cerevisiae AFY in aerobic batch culture (2016) SpringerPlus, 5 (1), art. no. 503, DOI: 10.1186/s40064-016-2151-3; IF 2015: 0.982, **@2016**
404. Shang, Y.-H., Zeng, Y.-J., Zhu, P., Zhong, Q.-P., Acetate metabolism of Saccharomyces cerevisiae at different temperatures during lychee wine fermentation (2016) Biotechnology and Biotechnological Equipment, 30 (3), pp. 512-520. DOI: 10.1080/13102818.2016.1142831; IF 2015: 0.373, **@2016**
222. Stoyanov, S., Zedah, H., Doychev, E., Valkanov, V., **Popchev, I.**, Cholakov, G., Sandalski, M.. Intelligent Distributed eLearning Architecture. Intelligent Systems, InTech, March, 2012, 2012, ISSN:978-953-51-0054-6, 185-218

Цитира се в:

405. Toshkova, A., Doychev, E., Toshkov, B. An Idea for Extension of the Virtual Educational Space for Lifelong Learning. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 433-437, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**
406. Miteva, M., A. Stoyanova-Doycheva, N. Stancheva. Development Intelligent Environment for Generating an E-Learning Lessons about Cultural-Historical Heritage of Bulgaria. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 445-450, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**
407. Петров, А., А. Петров, В. Вълканова, И. Димитров. Игриво-базирано обучение във виртуално образователно пространство. В: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 451-456, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**
223. Jordanov G., Beezley J.D, **Dobrinkova N.**, Kochansksi A.K., Mandel J., B. Sousedik. Simulation of the 2009 Harmanli fire (Bulgaria). Lecture Notes, 7116, Springer, 2012, ISSN:0302-9743, 291-298

Цитира се в:

408. Arasa, Raúl, et al. "Defining a Standard Methodology to Obtain Optimum WRF Configuration for Operational Forecast: Application over the Port of Huelva (Southern Spain)." Atmospheric and Climate Sciences 6.02 (2016): 329., **@2016**
224. **Monov V., Sokolov B., Stoenchev S.**. Grinding in ball mills: Modeling and process control. Cybernetics and Information Technologies, 12, 2, Prof. Marin Drinov Academic Publishing House, 2012, ISSN:1311-9702, 51-68. SJR:0.212

Цитира се в:

409. Ebadnejad, A., Investigating of the effect of ore work index and particle size on the grinding modeling of some copper sulphide ores, Journal of Materials Research and Technology, vol. 5, Issue 2, pp. 101-110, 2016. ISSN: 2238-7854 (Source Normalized Impact per Paper (SNIP): 1.493, SCImago Journal Rank (SJR): 0.703.), **@2016**
410. Anand, K., S. Varghese, T. Kurian. Aqueous Dispersions of Latex Compounding Ingredients by Wet Ball Milling: Effect of Ball Size and Milling Time on Dispersion Quality, Transactions of the Indian Institute of Metals, pp. 1- 8, 2016. ISSN: 0972-2815 (Print) 0975-1645 (Online), doi:10.1007/s12666-016-0957-x. 2015 Impact Factor 0.502., **@2016**
411. Abazarpoor, A., M. Halali. Optimization of Particle Size and Specific Surface Area of Pellet Feed in Dry Ball Mill using Central Composite Design, Indian Journal of Science & Technology, vol. 9, issue 4, pp.1-10, November 2016. Print ISSN: 0974-6846., **@2016**
412. Rutheravan, M., W.X. Hong, K. Vidyatharshan, N. Syazana N. Jannatunna, Design and fabrication of mini ball mill (PART 2). Mechanical System Design, 25 Mar 2016, University Malaysia Pahang, Pekan, Malaysia., **@2016**
413. Vidyatharshan, K., M. Rutheravan, N. Syazana and N. Jannatunna' im, Design and fabrication

of mini ball mill, (PART 3) Mechanical System Design, 24 May 2016, University Malaysia Pahang, Pekan, Malaysia., **@2016**

225. Atanasova T., Mishina, A.. Multiservice networks in digital houses. Problems of Engineering Cybernetics and Robotics, 65, 2012, ISSN:0204-9848, 14-21

Цитира се в:

414. Tashev, T., A. Bakanov, R. Tasheva, Верхняя граница пропускной способности коммутатора с матричным переключателем для входящего трафика типа модифицированной модели Чанг-А, Изд. комплекс на НВУ „Васил Левски”, Велико Търново, 2016, стр. 107-116, ISSN 1314-1937., **@2016**

226. Atanassova, V., Fidanova, S., Popchev, I., Chountas, P.. Generalized Nets, ACO Algorithms, and Genetic Algorithms. Monte Carlo Methods and Applications Proceedings of the 8th IMACS Seminar on Monte Carlo Methods, August 29 – September 2, 2011, Borovets, Bulgaria, De Gruyter Proceedings in Mathematics, 2012, ISBN:ISBN 978-3-11-029358, 39-46. SJR:0.056

Цитира се в:

415. Tashev T, Marinov M, Monov V, Tasheva R. Modeling of the MiMa-algorithm for crossbar switch by means of Generalized Nets. InIntelligent Systems (IS), 2016 IEEE 8th International Conference on 2016 Nov 10 (pp. 593-598). IEEE., **@2016**

416. Abdel-Basset, M. and Hezam, I., Cuckoo Search and Genetic Algorithm Hybrid Schemes for Optimization Problems. Appl. Math and Info. Sciences, 10(3), ISSN 1935-0090, IF 1.232, 2016, pp.1185-1192., **@2016**

227. Begnini, Roumlaldo, Tcheremenskaia, Olga, Nikolova, Ivelina, Zhelyazkova, Nina, Escher, Sylvia E., Batke, Monika, Baier, Thomas, Poroikov, Vladimir, Lagunin, Alexey, Rautenberg, Micha, Hardy, Barry. OpenTox predictive toxicology framework: toxicological ontology and semantic media wiki-based OpenToxipedia. Journal of Biomedical Semantics, 3(Suppl 1):S7, 2012, DOI:10.1186/2041-1480-3-S1-S7

Цитира се в:

417. Esteves, Diego, et al. "MEX Interfaces: Automating Machine Learning Metadata Generation." Proceedings of the 12th International Conference on Semantic Systems. ACM, 2016., **@2016**

228. Kutiev I., Marinov P., Fidanova S., Belehaki A., Tsagouri I.. Adjustments of the TaD electron density reconstruction model with GNSS TEC parameters for operational application purposes. Space Weather & Space Climate, 2, 21, 2012, ISSN:2115-7251, DOI:10.1051/swsc/20120121, A21p1-A21p7. ISI IF:2.558

Цитира се в:

418. Bitap Raj Kalita, Pradip Kumar Bhuyan, Variations of the ionospheric parameters and vertical electron density distribution at the northern edge of the EIA from 2010-2015 along 95°E and comparison with the IRI-2012, Advances in Space Research, IF 1.406, DOI: 10.1016/j.asr.2016.06.041, **@2016**

229. Georgiev, G., Zhikov, V., Simov, K., Osenova, P., Nakov, P.. Feature-Rich Part-of-speech Tagging for Morphologically Complex Languages: Application to Bulgarian. 2012

Цитира се в:

419. Nguyen, Dat Quoc, Dai Quoc Nguyen, Dang Duc Pham, and Son Bao Pham. "A robust transformation-based learning approach using ripple down rules for part-of-speech tagging." *AI Communications* 29, no. 3 (2016): 409-422. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969752484&partnerID=40&md5=80ee80f3fb3af209de816b51b05ec5df> DOI: 10.3233/AIC-150698, **@2016**
230. Popchev, I., Petkov, P., Konstantinov, M., Angelova, V.. Perturbation bounds for the nonlinear matrix equation $X + A^H X^{-1} A + B^H X^{-1} B = I$. LSSC 2011, LNCS 7116, Springer, Heidelberg, 2012, ISSN:0302-9743, DOI:10.1007/978-3-642-29843-1_17, 155-162. SJR:0.34

Цитира се в:

420. Hasanov, Vejdi I., and Sevdzhan A. Hakkaev. "Convergence analysis of some iterative methods for a nonlinear matrix equation." *Computers & Mathematics with Applications* 72.4 (2016): 1164-1176., **@2016**
231. Костов, Г., Ангелов, М., Игнатова, М., Копринкова-Христова, П., Попова, С., Любенова, В.. Кинетика и управление на биопроцесите. УХТ - Пловдив, Агенция 7Д, 2012, ISBN:978-954-9774-30-6, 276

Цитира се в:

421. Илиев, В. К., Хидродинамични характеристики на флуидизирани слоеве имобилизираны биокатализатори с приложение във ферментационната промишленост, Дисертационен труд за придобиване на образователната и научна степен „доктор”, УХТ-Пловдив, 2016, **@2016**
232. T. Miteva, D. Karastoyanov. Full surface tracking by mobile robots. International Conference “Bionics and Prosthetics, Biomechanics, Mechatronics and Robotics” (ICBBM 2012), 2012, 74-77

Цитира се в:

422. Kostadinov K., Kotev V., Penchev D., Force Sensing of Teleoperated Robotized Cell Injection., Advances in Robotics, Mechatronics and Circuits, ISBN 978-1-61804-242-2, pp 160-163, **@2016**
233. Stoilov T., Stoilova K. Portfolio Risk Management Modelling by Bi-level Optimization. Chapter 5. Handbook in Decision Making, vol.2 “Risk Management in Decision Making”, ed. J.Lu, L.Jain, G.Zhang, Inteligent systems reference library, 33, Springer – Verlag, Berlin, Heidelberg, 2012, ISBN:978-3-642-25755-1, DOI:10.1007/978-3-642-25755-1_20, 91-110

Цитира се в:

423. Jiuping Xu, Zongmin Li, Zhimiao Tao. Foundations of Random-Like Bi-Level Decision Making. In book: Random-Like Bi-level Decision Making, pp.1-75, 2016, Volume 688 of the series Lecture Notes in Economics and Mathematical Systems. Springer, DOI: 10.1007/978-981-10-1768-1_1, , **@2016**
234. Atanassov, E., Gurov, T., Karaivanova, A.. Security issues of the combined usage of Grid and Cloud resources. MIPRO, 2012 Proceedings of the 35th International Convention, IEEE, 2012, ISBN:978-1-4673-2577-6, 417-420

Цитира се в:

424. Ali, O., Soar, J., Yong, J., An investigation of the challenges and issues influencing the adoption of cloud computing in Australian regional municipal governments, () Journal of Information Security and Applications, 2016, 27-28, pp. 19-34. DOI: 10.1016/j.jisa.2015.11.006, SJR: 0.268 (2015), **@2016**

2013

235. **Monov, V., Karastoyanov, D., Penchev T.** Advanced Control Methods and Technologies for Two Industrial Processes. Third IEEE International Conference on Information Science and Technology, March 23-25, 2013, Jiangsu, China, 2013, ISBN:978-1-4673-2764-0, 187-194

Цитира се в:

425. Стоименов, Н., Н. Съботинков, Б.Соколов., Изследване износоустойчивостта на лифтери с EDEM софтуер., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 70-73, ISSN 1314-4634, **@2016**
426. Попов., Б., Проектиране и изработване на високотемпературна пещ с графитов нагревател., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 53-59, ISSN 1314-4634, **@2016**

236. **Karastoyanov D.**, Kandeva M., Ivanova B.. Composite Coatings to Improve Durability of the Working Body of the Drill. 5th WORLD TRIBOLOGY CONGRESS WTC 2013, 2013

Цитира се в:

427. Б. Попов., Проектиране и изработване на високотемпературна пещ с графитов нагревател., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 53-59, ISSN 1314-4634, **@2016**

237. Temnikova, I, **Nikolova, I**, Baumgartner, W. A. Jr., **Angelova, G**, Bretonnel Cohen, K.. Closure Properties of Bulgarian Clinical Text. Proceedings of the International Conference "Recent Advances in Natural Language Processing" 2013, Incoma Ltd, Shoumen, Bulgaria, 2013, ISSN:1313-8502, 667-675

Цитира се в:

428. Grigonytė, Gintarė, et al. "Swedification patterns of Latin and Greek affixes in clinical text." Nordic Journal of Linguistics 39.01 (2016): 5-37., **@2016**

238. **Ilchev, S.**. Accurate Data Embedding in JPEG Images for Image Authentication. Proceedings of the Bulgarian Academy of Sciences, 66, 9, 2013, ISSN:1310-1331, 1247-1254. SJR:0.206, ISI IF:0.233

Цитира се в:

429. Stoyanov, B., S. Zhelezov, K. Kordov, Least Significant Bit Image Steganography Algorithm Based On Chaotic Rotation Equations, Comptes rendus de l'Académie bulgare des Sciences, vol. 69, no. 7, pp. 845-850, 2016, ISSN 1310-1331, **@2016**

239. Atanassova, V., **Fidanova, S.**, **Popchev, I.**, Chountas, P.. Generalized Nets, ACO Algorithms and Genetic Algorithms. Monte Carlo Methods and Applications (2012), Chapter 5, De Gruyter, 2013,

ISSN:978-3-11-029358-6, 39-46. SJR:0.377, ISI IF:0.54

Цитира се в:

430. Georgieva, G., N. Angelova, O. Rove, T. Pencheva. Simulation of Parallel Processes in Wastewater Treatment Plant Using Generalized Net Integrated Development Environment. - Comptes reudus de l'Academie Bulgare des Sciences. Vol.69, No. 11, 2016, 1493-1502, **@2016**

240. Boiadzhiev T., Kotev V., Delchev K., Boiadzhiev G.. Modeling and development of a robotized hand-held bone cutting device. Int. Journal Applied Mechanics and Materials, 301, 700, 2013, 479-483

Цитира се в:

431. S. Taşgetiren, M. Yalvaç, Ö. Verim. "State of the Art and Expectations in the Surgical Robotics Technology from the Engineering Point of View: A Literature Review." Journal of Polytechnic, Vol 19 , No 3, 2016, pp. 231-244, P- ISSN 1302-0900, E-ISSN 2147-9429., **@2016**

241. Boiadzhiev G., Kotev V., Zagurski K., Delchev K., Boiadzhiev T.. Robotized system for bone drilling and cutting in orthopedic surgery. Int. Journal Advanced Materials Research, 740, 2013, 92-98

Цитира се в:

432. S. Taşgetiren, M. Yalvaç, Ö. Verim. "State of the Art and Expectations in the Surgical Robotics Technology from the Engineering Point of View: A Literature Review." Journal of Polytechnic, Vol 19 , No 3, 2016, pp. 231-244, P- ISSN 1302-0900, E-ISSN 2147-9429., **@2016**

242. Harizanov, S., Pesquet, J.-C., Steidl, G.. Epigraphical projection for solving least squares Anscombe transformed constrained optimization problems. Lecture Notes in Computer Science, 7893, Springer-Verlag, 2013, ISBN:978-364238266-6, ISSN:0302-9743, DOI:10.1007/978-3-642-38267-3_11, 125-136. SJR:0.316

Цитира се в:

433. Wang, PW., Wytock, M. and Kolter, JZ., 2016. Epigraph projections for fast general convex programming. Proceedings of The 33rd International Conference on Machine Learning (ICML), JMLR 48, 2868-2877. ISSN: 1938-7228, **@2016**

434. Bot, R. and Hendrich C., 2016. Solving monotone inclusions involving parallel sums of linearly composed maximally monotone operators. Inverse Problems and Imaging, 10(3), 617-640. ISI IF:0.951 ISSN: 1930-8337 DOI: 10.3934/ipi.2016014, **@2016**

243. Markatos, E., Balzarotti, D., Minchev, Z., Athanasopoulos, E, Cavallaro, L., Maggi, F., Polychronakis, M., Slowinska, A., Polakis, I., Almgren, M., Bos, H., Ioannidis, S., Platzer, Ch., Tsigas, Ph., Zanero, S., Andriesse, D., Lindorfer, M., Moradi, F., Nadjm-Tehrani, S., Rossow, Ch.. The Red Book. A Roadmap for System Security Research. SysSec Consortium, 2013, DOI:10.13140/RG.2.1.1400.2000, 185

Цитира се в:

435. Antonakaki, D., Polakis, I., Athanasopoulos, E., Ioannidis, S., Fragopoulou, P. Exploiting abused trending topics to identify spam campaigns in Twitter, Social Network Analysis and

Mining, Vol. 6, No. 1, pp. 1-11, 2016, Springer Vienna, ISSN 1869-5469, DOI 10.1007/s13278-016-0354-9, @2016

244. Nedjalkov, M., Ferry, D.K., Vasileska, D., Dollfus, P., Querlioz, D., Dimov, I. T., Schwaha, P., Selberherr, S. Physical scales in the Wigner–Boltzmann equation. Annals of Physics, 328 (2013), 2013, 220-237. ISI IF:2.857

Цитира се в:

436. Spisak, B. J., Kaczor, U., Klimas, B., Szydłowski, D., Wołoszyn, M. (2016). Phase-space description of the coherent state dynamics in a small one-dimensional system. Open Physics, 14(1), 354-359. ISSN: 2391-5471., @2016

245. Radeva, I. Multi-Criteria Models for Cluster Design. Cybernetics and Information Technologies, 13, 1, Prof. Marin Drinov Academic Publishing House, 2013, ISSN:1311-9702, 18-33

Цитира се в:

437. Попчев, И. Шест теми по управление на риска. ЛКНТ №. 1, ИИКТ – БАН, 2016, e-ISSN: 2367-8666, e-ISBN: 978-954-91700-8-5, 73 стр. http://parallel.bas.bg/lcst/contents_bg.html, @2016

438. Георгиева, П. Генетични размити алгоритми. Монография. 190 стр. Бургаски свободен университет, 2016., @2016

439. ILIEVA, Galina. TOPSIS Modification with Interval Type-2 Fuzzy Numbers. Cybernetics and Information Technologies, 2016, 16.2: 60-68. / Cybernetics and Information Technologies. Volume 16, Issue 2, Pages 60–68, ISSN (Online) 1314-4081, DOI: 10.1515/cait-2016-0020, June 2016/, @2016

440. KISHOR, D. Raja; VENKATESWARLU, N. B. Hybridization of Expectation-Maximization and K-Means Algorithms for Better Clustering Performance. Cybernetics and Information Technologies, 2016, 16.2: 16-34. Print ISSN: 1311-9702; Online ISSN: 1314-4081 DOI: 10.1515/cait-2016-0017, @2016

246. Орозова, Д., Стоянов, С., Попчев, И.. Виртуално образователно пространство. Знанието - източник на иновации, Бургас, 2013, ISBN:978-954-9370-99-7, 153-159

Цитира се в:

441. Kehayova, I., P. Milanov, V. Valkanov. Analytical Level of Velspace. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 426-432, Бургас, 2016. ISBN 978-619-7126-28-0., @2016

442. Петров, А., А. Петров, В. Вълканова, И. Димитров. Игриво-базирано обучение във виртуално образователно пространство. В: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 451-456, Бургас, 2016. ISBN 978-619-7126-28-0., @2016

443. Miteva, M., A. Stoyanova-Doycheva, N. Stancheva. Development Intelligent Environment for Generating an E-Learning Lessons about Cultural-Historical Heritage of Bulgaria. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания –

Министерство на образованието и науката”, Том II, 445-450, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**

- 444.** Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**
- 247.** **Angelova, G.**, Tcharaktchiev, D., **Boytcheva, S.**, **Nikolova, I.**, Dimitrov, H., Angelov, Z.. From Individual EHR Maintenance to Generalised Findings: Experiments for Application of NLP to Patient-Related Texts. Advances in Intelligent Analysis of Medical Data and Decision Support Systems, 473, Springer International Publishing. Series Studies in Computational Intelligence, 2013, ISSN:1860-949X, DOI:10.1007/978-3-319-00029-9_18, 203-212. SJR:0.211

Цитира се в:

- 445.** Di Cagno, D., Galliera, A., Marzo, F., Guth, W., & Pace, N. (2016). (Sub) Optimality and (Non) Optimal Satisficing in Risky Decision Experiments, University Ca' Foscari of Venice, Dept. of Economics Research Paper Series No. 22/WP/2016, pp. 1-41, ISSN: 1827-3580, **@2016**
- 446.** Pace, Noemi. "Daniela Di Cagno, Arianna Galliera, Werner Güth, Francesca Marzo." (2016)., **@2016**
- 248.** **Koprinkova-Hristova P**, **Alexiev K.** Echo State Networks in Dynamic Data Clustering. Lecture Notes in Computer Science, 8131, Springer, 2013, ISSN:0302-9743, DOI:10.1007/978-3-642-40728-4_43, 343-350. SJR:0.339

Цитира се в:

- 447.** Meftah, B., Lézoray, O., Benyettou, A., Novel Approach Using Echo State Networks for Microscopic Cellular Image Segmentation (2016) Cognitive Computation, 8 (2), pp. 237-245. DOI: 10.1007/s12559-015-9354-8; IF 1.933, **@2016**
- 249.** **Koprinkova-Hristova, P.**, Angelova, D., Borisova, D., Jelev, G.. Clustering of spectral images using Echo state networks. 2013 IEEE International Symposium on Innovations in Intelligent Systems and Applications (INISTA), IEEE, 2013, ISBN:978-1-4799-0659-8, DOI:10.1109/INISTA.2013.6577633

Цитира се в:

- 448.** Meftah, B., Lézoray, O., Benyettou, A., Novel Approach Using Echo State Networks for Microscopic Cellular Image Segmentation (2016) Cognitive Computation, 8 (2), pp. 237-245. DOI: 10.1007/s12559-015-9354-8; IF 1.933, **@2016**
- 449.** Abdelkerim Souahlia, Ammar Belatreche, Abdelkader Benyettou, Kevin Curran, An experimental evaluation of echo state network for colour image segmentation, 2016 International Joint Conference on Neural Networks (IJCNN), July 24-29, 2016, Vancouver, Canada; Electronic ISSN: 2161-4407; DOI: 10.1109/IJCNN.2016.7727326; SJR 2015: 0.162, **@2016**
- 250.** **Marinov, P.**, Zhang, S., Kutiev, I.. Comparison of topside ionosphere scale height modeled by the Topside Sounder Model and incoherent scatter radar ionospheric model. Advances in Space Research, 52, 10, Elsevier, 2013, ISSN:0273-1177, DOI:10.1016/j.asr.2013.03.008, 1717-1725. ISI IF:1.409

Цитира се в:

450. Lee, H.-B., Kim, Y.H., Kim, E., Hong, J., Kwak, Y.-S. Where does the plasmasphere begin? Revisit to topside ionospheric profiles in comparison with plasmaspheric TEC from Jason-1 (2016) Journal of Geophysical Research A: Space Physics, 121 (10), pp. 91-102. DOI: 10.1002/2016JA022747; ISSN: 0148-0227; IF: 3.318, **@2016**

251. Терзиева, В., Кадемова-Кацарова, П.. Съвременни ИКТ базирани методи за обучение. Сборник доклади на Националната конференция "Образованието в информационното общество", ADIS 2013, Институт по математика и информатика - БАН, Асоциация за развитие на информационното общество, 2013, ISSN:1314-0752, 237-247

Цитира се в:

451. Магдалена Методиева Петкова Дисертация "Педагогически технологии за интегриране на geogebra приложения в обучението по геометрия", Русенски Университет „Ангел Кънчев“ Факултет Природни науки и образование, Катедра Математика, **@2016**

252. Nikolova, I., Angelova, G., Tcharaktchiev, D., Boytcheva, S.. Medical Archetypes and Information Extraction Templates in Automatic Processing of Clinical Narratives. In Conceptual Structures for STEM Research and Education, 7735, Springer Berlin Heidelberg: Lecture Notes in Computer Science, 2013, ISSN:302-9743, DOI:10.1007/978-3-642-35786-2_9, 106-120. SJR:0.316

Цитира се в:

452. Bhartiya, Shalini, and Deepti Mehrotra. "Challenges and Recommendations to Healthcare Data Exchange in an Interoperable Environment." electronic Journal of Health Informatics 8.2 (2014): 16., **@2016**

253. Pashova, L., Koprinkova - Hristova, P., Popova, S.. Gap Filling of Daily Sea Levels by Artificial Neural Networks. TransNav : International Journal on Marine Navigation and Safety of Sea Transportation, 7, 2, BazTech, 2013, ISSN:2083-6473, DOI:10.12716/1001.07.02.10, 225-232

Цитира се в:

453. А.В. Дещеревский, В.И. Журавлев, А.Н. Никольский, А.Я. Сидорин, ПРОБЛЕМЫ АНАЛИЗА ВРЕМЕННЫХ РЯДОВ С ПРОПУСКАМИ И МЕТОДЫ ИХ РЕШЕНИЯ В ПРОГРАММЕ WINABD, ГЕОФИЗИЧЕСКИЕ ПРОЦЕССЫ И БИОСФЕРА, 2016 Т. 15 № 3, ISSN 1811-0045, **@2016**

454. Lee, J.-W., Park, S.-C., Artificial neural network-based data recovery system for the time series of tide stations (2016) Journal of Coastal Research, 32 (1), pp. 213-224. DOI: 10.2112/JCOASTRES-D-14-00233.1; IF 2015: 0.852, **@2016**

254. Радева, И.. Оценка на синергия в икономически кълъстери. Подходи и решения. Третата научно-практическа конференция с международно участие на НБУ на тема „Корпоративните финанси на формиращите се пазари – теория и практика“ НБУ, София, 09 и 10 септември, НБУ - София, 2013

Цитира се в:

455. Попчев, И. Шест теми по управление на риска. ЛКНТ №. 1, ИИКТ – БАН, 2016, e-ISSN: 2367-8666, e-ISBN: 978-954-91700-8-5, 73 стр. http://parallel.bas.bg/lcst/contents_bg.html, **@2016**

- 255.** Boiadzhiev G., Kastelov R., **Boiadzhiev T.**, Kotev V., Delchev K., Zagurski K., Vitkov V.. Design and performance study of an orthopaedic surgery robotized module for automatic bone drilling. IJRMCAS – International Journal of Medical Robotics and Computer Assisted Surgery, 9, 2013, ISSN:1478-596X, 455-463

Цитира се в:

- 456.** F. Accini, I. Diaz, JJ. Gil. "Using an admittance algorithm for bone drilling procedure." Computer methods and programs in biomedicine, Vol 123, pp. 150-158, 2016., ISSN: 0169-2607, IF 1.897, SJR 0.985, **@2016**

- 256.** Boiadzhiev G., Delchev K., **Boiadzhiev T.**, Zagurski K., Kastelov R., Vitkov V.. Controlled trust force influence on automatic bone drilling parameters in the orthopedic surgery. Int J Pure Appl Math., 2013, 577-592

Цитира се в:

- 457.** Zakrasas R., Jurenas V., Baskutiene J. "Analysis of compact bone vibration assisted drilling." Solid State Phenomena, Vol 251, 2016, pp. 183-187, ISSN: 1662-9779, SJR 0.212., **@2016**

- 257.** Penchev T., Karastoyanov D., Monov V.. Control System for "Controlled Impact" Laboratory Device. Third IEEE International Conference on Information Science and Technology, March 23-25, 2013, Jiangsu, China, 2013, ISBN:978-1-4673-2764-0, 215-219

Цитира се в:

- 458.** Гъшев., С.Д., Изследване на управляеми ударни процеси., Дисертация за получаване на образователна и научна степен „доктор“, София, 2016 г., **@2016**

- 258.** Hristov, V., **Agre, G.**. A Software System for Classification of Archaeological Artefacts Represented by 2D Plans.. Cybernetics and Information Technologies, 13, 2, Marin Drinov, 2013, ISSN:1311-9702, 82-96. SJR:0.17

Цитира се в:

- 459.** Jan Nordin and Nada A. Rasheed. Reconstruction of Ancient Two-Dimensional Objects. International Journal of Computing, Communications & Instrumentation Engg. (IJCCIE) Vol. 3, Issue 2, 2016, ISSN 2349-1469 EISSN 2349-1477, **@2016**

- 259.** Roeva O., **Fidanova S.**, Paprzycki M.. Influence of the population size on the genetic algorithm performance in case of cultivation process modelling. FedCSIS, IEEE Xplorer, 2013, 371-376

Цитира се в:

- 460.** Najem M., Benoit P., El Ahmad M., Sassatelli G., Torres L., A Design-Time Method for Building Cost-Effective Run-Time Power Monitoring, IEEE trans. On Computer-Added Design of Intelligent Circuits and Systems, SJR 0.710, IF 1.181, Article number 7579225, , **@2016**

- 461.** Jafari, M., and SA Mahmoodzade Hoseyni. "Optimization of infinite orthotropic plates with hypotrochoid cutout under tensile loading using genetic algorithm." Journal of Reinforced Plastics and Composites, IF 0.901, 2016, 0731684416676634., **@2016**

- 462.** Moharam R, Morsy E. Genetic Algorithms for Constrained Tree Problems. In Recent Advances in Computational Optimization, Studies of Computational Intelligence 655,

- Springer, 2016, pp. 219-233., **@2016**
463. Anvari, B., Angeloudis, P. and Ochieng, W.Y., A multi-objective GA-based optimisation for holistic Manufacturing, transportation and Assembly of precast construction. Automation in Construction, ISSN: 0926-5805, IF 2.442, doi: 10.1016/j.autcon.2016.08.007, 2016., **@2016**
464. Saleh S.M., Ibrahim K.H., Magdi, Eitebia M.B., Study of genetic algorithm performance through design of multi-step LC compensator for time-varying nonlinear loads, Applied Soft Computing, Vol. 48, SJR 1.763, IF 2.857, 2016, 535-545., **@2016**
465. Delgoshaei A, Gomes C. A Multi-Layer Perceptron for Scheduling Cellular Manufacturing Systems in the Presence of Unreliable machines and Uncertain Cost. Applied Soft Computing., SJR 1.763, IF 2.857 , doi:10.1016/j.asoc.2016.06.025, 2016 ., **@2016**
466. Moharam, R., Morsy, E., & Ismail, I. A., Genetic Algorithms for the Tree T-Spanner Problem. In The 1st International Conference on Advanced Intelligent System and Informatics (AISI2015), November 28-30, 2015, Beni Suef, Egypt, Springer International Publishing., 2016, pp. 437-448, **@2016**
467. Chen, Po-Hsu. "Modeling Multivariate Simulator Outputs with Applications to Prediction and Sequential Pareto Minimization." PhD diss., The Ohio State University, 2016., **@2016**
468. Paulo, P., Branco, F., de Brito, J. and Silva, A., BuildingsLife-The use of genetic algorithms for maintenance plan optimization. Journal of Cleaner Production, Vol. 121, ISSN 0959-6526, Elsevier, IF 3.84, DOI: 10.1016/j.jclepro.2016.02.041, 2016, 84-98., **@2016**
469. Yahya, N.M., Tokhi, M.O. and Kasdirin, H.A., A new bats echolocation-based algorithm for single objective optimisation. Evolutionary Intelligence 8, Springer, ISSN 1864-5909, DOI 10.1007/s12065-016-0134-5, pp.1-20, 2016., **@2016**
470. Weise, T., Wu, Y., Chiong, R., Tang, K. and Lässig, J., 2016. Global versus local search: the impact of population sizes on evolutionary algorithm performance. Journal of Global Optimization, Springer, ISSN 0925-5001, DOI 10.1007/s10898-016-0417-5, IF 1.287, 2016, pp.1-24., **@2016**
471. Asadi, H., Mohamed, S., Lim, C.P. and Nahavandi, S., Robust Optimal Motion Cueing Algorithm Based on the Linear Quadratic Regulator Method and a Genetic Algorithm, IEEE Transaction on Systems, Man and Cybernetics:Systems, ISSN 2168-2216 , IF 1.699, DOI 10.1109/TSMC.2016.2523906, 2016., **@2016**
472. Lazunin, Vladimir. "Real-time and Efficient Rendering of Deformable Bodies." PhD diss., Hosei University, China, 2016., **@2016**
473. Rustell, Michael. "Knowledge extraction and the development of a decision support system for the conceptual design of liquefied natural gas terminals under risk and uncertainty." PhD diss., University of Surrey, 2016., **@2016**
474. Johnson, D., Heltzel, R., Nix, A. and Barrow, R., 2016. Development of Engine Activity Cycles for the Prime Movers of Unconventional, Natural Gas Well Development. Journal of the Air & Waste Management Association, ISSN: 1096-2247, IF 1.613, DOI 10.1080/10962247.2016.1245220., **@2016**
475. Delgoshaei, A., Parvin, M. and Ariffin, M., Evaluating impact of market changes on increasing cell-load variation in dynamic cellular manufacturing systems using a hybrid Tabu search and simulated annealing algorithms. Decision Science Letters, 5(2), ISSN 1929-5804, SJR 0.201, 2016, pp.219-244., **@2016**

476. Al-Aqeeli, Y.H., Lee, T.S. and Aziz, S.A., Enhanced genetic algorithm optimization model for a single reservoir operation based on hydropower generation: case study of Mosul reservoir, northern Iraq. SpringerPlus, 5(1):797, ISSN: 2193-1801, IF 0.982, doi:10.1186/s40064-016-2372-5, 2016, pp.1-21., **@2016**
477. Moharam R, Morsy E. Genetic Algorithms to Balanced Tree Structures in Graphs. Swarm and Evolutionary Computation, ISSN 2210-6502, Elsevier, IF 2.963, doi:10.1016/j.swevo.2016.06.005, 2016., **@2016**
478. Kerdan, I.G., Raslan, R. and Ruyssevelt, P., 2016. An exergy-based multi-objective optimisation model for energy retrofit strategies in non-domestic buildings. Energy 15. ISSN 0360-5442, IF 4.292, Elsevier, doi:10.1016/j.energy.2016.06.041, 2016, 506-522.., **@2016**
260. **Mustakerov I., D. Borissova.** A discrete choice modeling approach to modular systems design.. International Journal of Computer, Electrical, Automation, Control and Information Engineering, 7, 4, 2013, ISSN:2010-376X, 452-458

Цитира се в:

479. Rezk, R., J. S. Srai, & P. J. Williamson. The impact of product attributes and emerging technologies on firms' international configuration. Journal of International Business Studies, ISSN 0047-2506, 2016, doi:10.1057/jibs.2016.9, **@2016**
261. **Fidanova S., Roeva O.** Metaheuristic Techniques for Optimization of an E. coli Cultivation Model. Biotechnology and Biotechnological equipment, 27, 3, 2013, ISSN:1310-2818, 3870-3876. ISI IF:0.3

Цитира се в:

480. Drag, P. and Styczeń, K., 2016, November. The matrix-based description approach for the multistage differential-algebraic processes. In Computer Science and Information Systems (FedCSIS), 2016 Federated Conference on (pp. 939-942). IEEE., **@2016**
262. Dezert, J., **Tchamova, A.**, Han, D., Tacnet, J.M.. Why Dempster's fusion rule is not a generalization of Bayes fusion rule. Proceedings of 16th International Conference onInformation Fusion, 2013, ISBN:978-605-86311-1-3, 1127-1134

Цитира се в:

481. Uwe Mönks, Helene Dörksen, Volker Lohweg, and Michael Hübner, Information Fusion of Conflicting Input Data, Sensors Journal, Vol.16(11), 1798; doi:10.3390/s16111798, 2016, **@2016**
263. **Stoykov, S.**, Ribeiro, P.. Non-linear vibrations of beams with non-symmetrical cross sections. International Journal of Non-Linear Mechanics, 55, Elsevier, 2013, DOI:10.1016/j.ijnonlinmec.2013.04.015, 153-169. ISI IF:1.87

Цитира се в:

482. M. Mohandes, A. Ghasemi, Finite strain analysis of nonlinear vibrations of symmetric laminated composite Timoshenko beams using generalized differential quadrature method, Journal of Vibration and Control 22 (2016) 940-954., **@2016**
483. M. Aminbaghai, J. Murin , J. Hrabovsky, H. Mang, Torsional warping eigenmodes including the effect of the secondary torsion moment on the deformations, Engineering Structures 106 (2016) 299–316., **@2016**

- 484.** I. Dikaros , E. Sapountzakis, A. Argyridi, Generalized warping effect in the dynamic analysis of beams of arbitrary cross section, Journal of Sound and Vibration 369 (2016) 119–146., **@2016**
- 264.** Stojanovic, V, Ribeiro, P., **Stoykov, S.**. Non-linear vibration of Timoshenko damaged beams by a new p-version finite element method. Computers & Structures, 120, Elsevier, 2013, DOI:10.1016/j.compstruc.2013.02.012, 107-119. ISI IF:2.528

Цитира се в:

- 485.** Y. Hsu, Enriched finite element methods for Timoshenko beam free vibration analysis, Applied Mathematical Modelling 40 (2016) 7012–7033., **@2016**

- 265.** **Dimov, I. T., Georgieva, R., Ostromsky, Tz., Zlatev, Z..** Advanced Algorithms for Multidimensional Sensitivity Studies of Large-scale Air Pollution Models based on Sobol Sequences. Computers & Mathematics with Applications, 65, 3, Elsevier, 2013, ISSN:0898-1221, DOI:10.1016/j.camwa.2012.07.005., 338-351. ISI IF:2.069

Цитира се в:

- 486.** С. Гочева-Илиева. Аналитични, статистически и интелигентни методи за моделиране. Дисертация за присъждане на научната степен “Доктор на науките”. Пловдивски университет „Паисий Хиландарски”, Факултет по математика и информатика, Катедра „Приложна математика и моделиране“, Пловдив, 2016., **@2016**

- 266.** **Stoykov, S., Ribeiro, P..** Vibration analysis of rotating 3D beams by the p-version finite element method'. Finite Elements in Analysis and Design, 65, Elsevier, 2013, DOI:10.1016/j.finel.2012.10.008, 76-88. ISI IF:1.967

Цитира се в:

- 487.** Thomas, O., Sénéchal, A., Deü, J.-F., Hardening/softening behavior and reduced order modeling of nonlinear vibrations of rotating cantilever beams, Nolinear dynamics (2016) 86 1293–1318., **@2016**

- 488.** Debabrata Das, A new tangent stiffness-based formulation to study the free vibration behavior of a transversely loaded Timoshenko beam with geometric nonlinearity, Journal of Vibration and Control (2016)., **@2016**

- 489.** Wang, B., Xiao, Y., Li, Z., The p-version finite element method for modeling weak discontinuity problems, Guti Lixue Xuebao/Acta Mechanica Solida Sinica 37 (2016) 59-73., **@2016**

- 490.** Fang, P., Hou, Y.-J., Zhang, L.-P., Du, M.-J., Zhang, M.-Y., Synchronous behavior of a rotor-pendulum system, Wuli Xuebao/Acta Physica Sinica 65 (2016), Article number 014501., **@2016**

- 267.** **Kolchakov, K..** Comparative Analysis of Class Algorithms for Non-Conflict Schedule in Switching Nodes. Proceedings of 17-th International Conference “Distributed computer and communication networks (DCCN-2013), October 07-10, 2013, Moscow, Russia., 2013, ISBN:978-5-94836-366-0, 172-179

Цитира се в:

- 491.** Tashev, T., M. Marinov, V. Monov, R. Tasheva. Modeling of the MiMa-algorithm for

Crossbar Switch by Means of Generalized Nets. Proceedings of 2016 IEEE 8th International Conference on Intelligent Systems, September 4-6, 2016, Sofia, Bulgaria. pp.593-598. IEEE Catalog Number CFP16802-USB, ISBN 978-1-5090-1353-1., **@2016**

- 268.** Georgiev, G., **Ilieva, N.**, Kozhuharov, V., Lessigiarska, I., Litov, L., Pavlov, B., Petkov, P.. Multigap RPC for PET: development and optimisation of the detector design. JINST, 8, 2013, ISSN:1748-0221, DOI:doi:10.1088/1748-0221/8/01/P01011, P01011. ISI IF:1.869

Цитира се в:

- 492.** N. Demir, A. Aydin Monte Carlo Simulations of Resistive Plate Chamber for 0.511 MeV Photon with FLUKA Acta Phys. Polonica A130 (2016) 466-468 (ISSN: 0587-4246) DOI: 10.12693/APhysPolA.130.466, **@2016**
- 493.** M.N. Ullah, E. Pratiwi, J. Cheon, H. Choi, and J.Y. Yeom Instrumentation for Time-of-Flight Positron Emission Tomography Nucl. Med. Mol. Imaging, Volume 2016, pp 1-11 DOI: 10.1007/s13139-016-0401-5 ISSN (print) 1869-3482 (online) 1869-3474, **@2016**

- 269.** Радева, И.. Модели за вземане на решения при формиране на кълстерни структури. Автореферати на дисертации, ИИКТ - БАН, 2013, ISSN:1314-6351

Цитира се в:

- 494.** Попчев, И. Шест теми по управление на риска. ЛКНТ №. 1, ИИКТ – БАН, 2016, e-ISSN: 2367-8666, e-ISBN: 978-954-91700-8-5, 73 стр. http://parallel.bas.bg/lcst/contents_bg.html, **@2016**
- 495.** Георгиева, П.. Конструиране на оптимален инвестиционен портфейл с генетични алгоритми. В: Юбилейна научна конференция с международно участие “Новата идея в образоването”. 20-21 септември 2016, том. 2, с. 526-534, Бургас. ISBN: 978-619-7126-280., **@2016**

- 270.** Mustakerov I., D. Borissova. Investments attractiveness via combinatorial optimization ranking. International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, 7, 10, 2013, ISSN:2010-376X, 230-235

Цитира се в:

- 496.** Z. S. Neto, M. H. Ogasavara, F. A. Turolla. Risk management on attracting FDI to infrastructure projects in emerging markets: A conceptual model. Proc. of the 14th International Conference of the Society for Global Business & Economic Development, Eds: V. Atal and R. S. Dubey. ISBN: 978-0-9797659-9-5, Montclair, New Jersey, USA June 21-24, 2016, pp. 174-186., **@2016**

- 271.** Barth, M., Byckling, M., **Ilieva, N.**, Saarinen, S., Schliephake, M., Weinberg, V. (Ed.). Best Practice Guide Intel Xeon Phi v.01. 2013

Цитира се в:

- 497.** M.C. Lozano, D. Gim'enez, L.P. Garcia Optimizing Metaheuristics and Hyperheuristics through Multi-level Parallelism on a Many-Core System In: Parallel and Distributed Processing Symposium Workshops, 2016 IEEE International (IPDPSW), pp 786-795 DOI: 10.1109/IPDPSW.2016.9, **@2016**
- 498.** Paweł Czarnul Parallelization of Divide-and-Conquer Applications on Intel Xeon Phi with an

OpenMP Based Framework In: Information Systems Architecture and Technology: Proceedings of 36th International Conference on Information Systems Architecture and Technology – ISAT 2015 – Part III, pp. 99-111, J. Swiatek, L. Borzemski, A. Grzech, Z. Wilimowska (Eds.) (Springer Int., 2016) DOI: 10.1007/978-3-319-28564-1_9, @2016

- 272.** Pavlov, Yu. P., Andreev, R. D.. Decision control, management, and support in adaptive and complex systems: Quantitative models. IGI Global, Pennsylvania (USA, 2013, ISBN:13: 9781466629677, DOI:10.4018/978-1-4666-2967-7, 280

Цитира се в:

- 499.** 1. Ignazio Licata, Gianfranco Minati, Emergence, Computation and the Freedom Degree Loss Information Principle in Complex Systems, Foundations of Science, (September 2016) Springer, pp. 1-19, DOI: 10.1007/s10699-016-9503-x, @2016

- 273.** Borissova D., I. Mustakerov. A concept of intelligent e-maintenance decision making system. Innovations in Intelligent Systems and Applications (INISTA), 2013 IEEE International Symposium on, 2013, ISBN:978-1-4799-0659-8, DOI:10.1109/INISTA.2013.6577668

Цитира се в:

- 500.** Кирилов, Л., В. Гуляшки, К. Генова. Многокритериално вземане на решения в задачи за производствени разписания. Изд. Образование, ISBN 978-954-552-074-7, 2016, 281 стр, @2016

- 274.** Karastoyanov D.. Energy Efficient Control of Linear Micro Drives for Braille Screen. International Conference on Human and Computer Engineering ICHCE 2013, 2013, ISSN:2010-376x, 860-864

Цитира се в:

- 501.** Kostadinov K., Kotev V., Penchev D., Force Sensing of Teleoperated Robotized Cell Injection., Advances in Robotics, Mechatronics and Circuits, ISBN 978-1-61804-242-2, pp 160-163, @2016

- 275.** Shahpazov, G., Doukovska, L.. Generalized net model of internal financial structural unit's functionality with intuitionistic fuzzy estimations. Proc. of the 17th International Conference on Intuitionistic Fuzzy Sets, vol. 19, №3, Notes on Intuitionistic Fuzzy Sets (NIFS), 2013, 111-117

Цитира се в:

- 502.** Tashev, T., M. Marinov, Vl. Monov, R. Tasheva, Modeling of the MiMa-algorithm for crossbar switch by means of Generalized Nets, Proceedings of the IEEE 8th International Conference on Intelligent Systems (IS), 4-6 Sept. 2016, Sofia, Bulgaria, Publisher: IEEE , DOI 10.1109/IS.2016.7737486, Electronic ISBN: 978-1-5090-1354-8, pp. 593-598, 2016., @2016

- 276.** Mustakerov, I., Borissova, D.. An intelligent approach for optimum maintenance strategy defining. Innovations in Intelligent Systems and Applications (INISTA), 2013 IEEE International Symposium on, 2013, ISBN:978-1-4799-0659-8, DOI:10.1109/INISTA.2013.6577668

Цитира се в:

- 503.** Yuji Liu, Yaoguang Hu, Rui Zhou, Jingqian Wen. An approach based on improved grey model for predicting maintenance time of IPS. Procedia CIRP 47, ISSN: 2212-8271, 2016,

pp. 204-209., @2016

- 277.** Todorov Y., Nacheva I., Metodieva P., Doneva M., Tsvetkov Ts.. Soft Computing applications in Food Technology. Bulgarian Journal of Agricultural Science, 19, 3, Agricultural Academy, 2013, 503-507. SJR:0.24

Цитира се в:

- 504.** Neethu, K. C., Sharma, A. K., Pushpadass, H. A., Emerald, F. M. E., & Manjunatha, M. (2016). Prediction of convective heat transfer coefficient during deep-fat frying of panta using neurocomputing approaches. Innovative Food Science & Emerging Technologies, 34, 275-284, @2016

- 278.** Penchev T., Karastoyanov D., Altaparmakov I.. Experimental Study on “Controlled Impact” Effect in Plastic Deformation Processes. Advanced Materials Research, 772, 2013, ISBN:987-619-167-178-6, 3-8

Цитира се в:

- 505.** Станислав Димитров Гъошев., Изследване на управляеми ударни процеси., Дисертация за получаване на образователна и научна степен „доктор“, София, 2016 г., @2016
- 506.** С. Гъошев, Н. Стоименов, Б. Соколов, Изследване на пластична и еластична деформация на предпазни съоръжения с високоскоростна камера. RAM 2016, 3-4 Октомври 2016, Бяла, България. стр. 29-32, ISSN 1314-4634, @2016

- 279.** Dichev, Ch., Dicheva, D., Agre, G., Angelova, G.. Current Practices, Trends and Challenges in K-12 Online Learning. Cybernetics and Information Technologies, 13, 3, 2013, ISSN:ISSN 1311-9702, DOI:10.2478/cait-2013-0028, 91-110. SJR:0.19

Цитира се в:

- 507.** Ralph Sherwin A. Corpuz. DEVELOPMENT OF AN INTERACTIVE STUDENT MODULE: MICROCHIP IN C LANGUAGE (PHASE 1). APHERDJ: Asia Pacific Higher Education Research Journal, . Vol. 3, № 1, 2016, , @2016
- 508.** van Deursen, A.J.A.M., ben Allouch, S., Ruijter, L.P. Tablet use in primary education: Adoption hurdles and attitude determinants. Education and Information Technologies, 21 (5), 2016, pp. 971-990, @2016

2014

- 280.** Sellier, J. M., Dimov, I. T.. The Wigner-Boltzmann Monte Carlo Method Applied to Electron Transport in the Presence of a Single Dopant. Computer Physics Communications, 185, 10, Elsevier, 2014, ISSN:0010-4655, DOI:<http://dx.doi.org/10.1016/j.cpc.2014.05.013>, 2427-2435. SJR:1.89, ISI IF:3.078

Цитира се в:

- 509.** Lu, T., & Sun, Z. (2016). Singularity-free Numerical Scheme for the Stationary Wigner Equation. arXiv preprint arXiv:1610.02623., @2016

- 281.** Sellier, J. M., Dimov, I. T.. The Many-body Wigner Monte Carlo Method for Time-Dependent Ab-

initio Quantum Simulations. Journal of Computational Physics, 273, 2014, ISSN:0021-9991, DOI:<http://dx.doi.org/10.1016/j.jcp.2014.05.039>, 589-597. SJR:2.167, ISI IF:2.138

Цитира се в:

510. Triozon, F., & Dollfus, P. (Eds.). (2016). Simulation of Transport in Nanodevices. John Wiley & Sons., [@2016](#)
511. Furtmaier, O., Succi, S., Mendoza, M., Semi-spectral Method for the Wigner Equation, Journal of Computational Physics 305, 2016, 1015-1036. Academic Press Inc. DOI: 10.1016/j.jcp.2015.11.023. ISSN: 0021-9991. SJR(2015): 2.167. IF (2015): 2.556. 5-year IF: 2.867., [@2016](#)
282. Sellier, J. M., Amoroso, S.M., Nedjalkov, M., Selberherr, S., Asenov, A., Dimov, I. T.. Electron Dynamics in Nanoscale Transistors by Means of Wigner and Boltzmann Approaches. Physica A: Statistical Mechanics and its Applications, 398, Elsevier, 2014, ISSN:0378-4371, DOI:10.1016/j.physa.2013.12.045, 194-198. SJR:0.738, ISI IF:1.676

Цитира се в:

512. Fischetti, M., Vandenbergh, W., Overview of Quantum-Transport Formalisms, Advanced Physics of Electron Transport in Semiconductors and Nanostructures, Part V, 2016, 361-380. Springer International Publishing. DOI: 10.1007/978-3-319-01101-1_17. ISSN: 1868-4513. ISBN: 978-3-319-01100-4., [@2016](#)
283. Sellier, J. M., Nedjalkov, M., Dimov, I. T., Selberherr, S.. A Benchmark Study of the Wigner Monte Carlo Method. Monte Carlo Methods and Applications, 20, 1, De Gruyter, 2014, ISSN:0929-9629, DOI:10.1515/mcma-2013-0018, 43-51. SJR:0.224

Цитира се в:

513. Xiong, Y., Chen, Z., Shao, S., An Advective-spectral-mixed Method for Time-dependent Many-body Wigner Simulations , SIAM Journal on Scientific Computing 38 (4), 2016, B491-B520. Society for Industrial and Applied Mathematics Publications. DOI: 10.1137/15M1051373. ISSN: 1064-8275. SJR(2015): 2.166. IF (2015): 1.792. 5-year IF: 2.402., [@2016](#)
514. Larkin, A.S., Filinov, V.S., Fortov, V.E., Path Integral Representation of the Wigner Function in Canonical Ensemble, Contributions to Plasma Physics 56 (3-4), 2016, 187-196. Wiley-VCH Verlag. DOI: 10.1002/ctpp.201500078. ISSN: 0863-1042. IF (2015): 1.255. 5-year IF: 1.028., [@2016](#)
515. Shao, S., & Xiong, Y. (2016). A computable branching process for the Wigner quantum dynamics. arXiv preprint arXiv:1603.00159., [@2016](#)
516. Wagner, W., A Random Cloud Model for the Wigner Equation, Kinetic and Related Models 9 (1), 2016, 217-235.American Institute of Mathematical Sciences. DOI: 10.3934/krm.2016.9.217. ISSN: 1937-5093. SJR(2015): 1.494. IF (2015): 1.372. 5-year IF: 1.353., [@2016](#)
517. Larkin, A. S., Filinov, V. S., & Fortov, V. E. (2016, November). Momentum distribution functions of strongly correlated systems of particles: Wigner approach and path integrals. In Journal of Physics: Conference Series (Vol. 774, No. 1, p. 012146). IOP Publishing., [@2016](#)

284. Dimov, D.T., Cantoni, V.. Appearance-Based 3D Object Approach to Human Ears Recognition. LNCS, Biometric Authentication, 8897, Springer, 2014, ISBN:978-3-319-13385-0, DOI:10.1007/978-3-319-13386-7_10, 121-135. SJR:0.252

Цитира се в:

518. Николов, А.Ф.: ВИДЕОСТАБИЛИЗАЦИЯ И 3Д РАЗПОЗНАВАНЕ В РЕАЛНО ВРЕМЕ, Дисертация за ОНС "Доктор", ИИКТ-БАН, 2016, 156 стр., **@2016**

285. Marinova G., Guliashki V.. A PROMETHEE – Based Approach for Multiple Objective Voltage Regulator Optimization. Proceedings of 22-nd International Conference NDES'2014 "Nonlinear Dynamics and Electronic Systems", (Editors: Prof. V. M. Mladenov and Prof. P. Ch. Ivanov), Albena, Bulgaria, July 4-6, 2014, pp. 100-113, Springer – Cham, Heidelberg, New York, Dordrecht, London, 2014, ISBN:ISSN: 1865-0929, ISB, 14

Цитира се в:

519. Hui L. Y., Seok K. H., Ki K. B., (2016), "The Development of Closed-circuit Camera Error Alarming System Using Current Detection Technique", International Journal of Applied Engineering Research, ISSN: 0973-4562, Vol. 11, No 2, 2016, pp. 793-797, **@2016**

286. Dobrinkova N., Hollingsworth L., Heinsch F.A., Dillon G., Dobrinkov G.. "Bulgarian fuel models developed for implementation in FARSITE simulations for test cases in Zlatograd area". Proceedings of 4th Fire Behavior and Fuels Conference', 18-22 February 2013, Raleigh, NC and 1-4 July 2013, St. Petersburg, Russia, E-proceeding: <http://www.treesearch.fs.fed.us/pubs/46778>, 2014, 513-521

Цитира се в:

520. Fidanova S., Marinov P., "THE IMPACT OF SLOPE ON FIRE SPREAD SIMULATION". Environmental Engineering & Management Journal (EEMJ), 2016, 15.3., **@2016**

287. Todorov, Y., Terziyska, M.. Modeling of Chaotic Time Series by Interval Type-2 NEO-Fuzzy Neural Network. Lecture Notes on Computer Science, 8681, Springer International Publishing, 2014, ISBN:978-3-319-11178-0, ISSN:0302-9743, DOI:10.1007/978-3-319-11179-7_81, 643-650. SJR:0.339

Цитира се в:

521. D. Hieu, N. Hien, V. Snasel, S. Lee, A Comparative Study of SWAT, RFNN and RFNN-GA for Predicting River Runoff, Indian Journal of Science and Technology, vol. 9(17), pp. 1-11, 2016., **@2016**

522. T. N Cao, H. N Duong, H . Tran, V. Snasel, Predicting daily river runoff by deep belief networks, In Proc. of International Conference on Information Convergence Technology for Smart Society, 2016, **@2016**

288. Dimov, D., Nikolov, A.. Real Time Video Stabilization for Handheld Devices. ACM International Conference Proceeding Series, 833, ACM Digital Library, 2014, ISBN:978-1-4503-2753-4, DOI:10.1145/2659532.2659631, 124-133

Цитира се в:

523. Aguilar, W. G., C. Angulo: Real-Time Model-Based Video Stabilization for Microaerial Vehicles, Springer, Neural Processing Letters, April 2016, Vol.43, Issue 2, pp.459–477, DOI:

10.1007/s11063-015-9439-0, IF = 1.747, @2016

- 289.** Karastoyanov D., Penchev T.. Mobile Wireless Investigation Platform. International Conference on Manufacturing Science and Engineering (ICMSE 2014), 2014, ISSN:1307-6892, 554-559

Цитира се в:

- 524.** Д. Трифонов, Д. Пиринчев, Б. Бижев, С. Аршинков., IOT глобална свързаност на нещата(интернет на нещата). LPWAN - варианти за реализация при изисквания за малка консумация, ниска цена и увеличен обхват., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 60-63, ISSN 1314-4634, @2016

- 290.** Sellier, J. M., Dimov, I. T.. The many-body Wigner Monte Carlo Method for time-dependent Ab initio quantum simulations. Journal of Computational Physics, 273, 2014, ISSN:0021-9991, DOI:10.1016/j.jcp.2014.05.039, 589-597. ISI IF:2.138

Цитира се в:

- 525.** Furtmaier, O., Succi, S., & Mendoza, M. (2016). Semi-spectral method for the Wigner equation. Journal of Computational Physics, 305, 1015-1036., @2016

- 291.** Terzieva, V., Paunova, E., Kademova-Katzarova, P., Stoimenova, Y.. Implementation of ICT-Based Teaching in Bulgarian Schools. Book Series: EDULEARN Proceedings, iated.org/edulearn, 2014, ISBN:978-84-617-0557-3, ISSN:2340-1117, 6497-6506

Цитира се в:

- 526.** Dachkova, L., Georgieva, N., Tzvetkova, M., Garbe, C., Lafontaine, D., Mallows, D., Shiel, G. and Valtin, R. Literacy in Bulgaria. Country Report. Children and adolescents, p. 71, Einet, Köln, Germany, 2016, @2016

- 292.** Temnikova, I. P., Baumgartner W. A. Jr., Hailu,N. D., Nikolova, I., McEnery, T., Kilgarriff, A., Angelova, G, Bretonnel Cohen, K.. Sublanguage Corpus Analysis Toolkit: A tool for assessing the representativeness and sublanguage characteristics of corpora. Calzolari, N., K. Choukri, T. Declerck, H. Loftsson, B. Maegaard, J. Mariani, A. Moreno, J. Odijk, and S. Piperidis (Editors). Proceedings of LREC 2014, 9th Int. Conference on Language Resources and Evaluation, May 26-31, 2014, Reykjavik, Iceland, European Language Resources Association, 2014, ISBN:ISBN 978-2-9517408-8, 1714-1718

Цитира се в:

- 527.** Condamin, Anne, and Maxime Warnier. "Towards the creation of a CNL adapted to requirements writing by combining writing recommendations and spontaneous regularities: example in a space project." Language Resources and Evaluation (2016): 1-27., @2016

- 528.** Warnier, Maxime, and Anne Condamin. "Analyse d'un corpus d'exigences pour améliorer la rédaction des spécifications de systèmes spatiaux au CNES." Journées d'Analyse des Données Textuelles. 2016., @2016

- 293.** Bartczuk, Ł., Przybył, A., Koprinkova-Hristova, P.. New method for nonlinear fuzzy correction modelling of dynamic objects. Lecture Notes in Computer Science, 8467, Springer, 2014, ISSN:0302-9743, DOI:10.1007/978-3-319-07173-2_16, 169-180. SJR:0.339

Цитира се в:

529. Dziwiński, P., Avedyan, E.D., A new method of the intelligent modeling of the nonlinear dynamic objects with fuzzy detection of the operating points (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9693, pp. 293-305. DOI: 10.1007/978-3-319-39384-1_25; SJR 2015: 0.252, **@2016**
530. Dziwiński, P., Avedyan, E.D., A new approach for using the fuzzy decision trees for the detection of the significant operating points in the nonlinear modeling (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9693, pp. 279-292. DOI: 10.1007/978-3-319-39384-1_24; SJR 2015: 0.252, **@2016**
531. Łapa, K., Szczypta, J., Saito, T., Aspects of evolutionary construction of new flexible PID-fuzzy controller (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9692, pp. 450-464. DOI: 10.1007/978-3-319-39378-0_39; SJR 2015: 0.252, **@2016**
532. Zalasiński, M., Cpałka, K., Rakus-Andersson, E., An idea of the dynamic signature verification based on a hybrid approach (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9693, pp. 232-246. DOI: 10.1007/978-3-319-39384-1_21; SJR 2015: 0.252, **@2016**
533. Łapa, K., Cpałka, K., Hayashi, Y., New approach for nonlinear modelling based on online designing of the fuzzy rule base (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9692, pp. 230-247. DOI: 10.1007/978-3-319-39378-0_21; SJR 2015: 0.252, **@2016**
534. Łapa, K., Cpałka, K., Wang, L., New approach for interpretability of neuro-fuzzy systems with parametrized triangular norms (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9692, pp. 248-265. DOI: 10.1007/978-3-319-39378-0_22; SJR 2015: 0.252, **@2016**
535. Zalasiński, M., Cpałka, K., Hayashi, Y., A new approach to the dynamic signature verification aimed at minimizing the number of global features (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 9693, pp. 218-231. DOI: 10.1007/978-3-319-39384-1_20; SJR 2015: 0.252, **@2016**
294. Dezert, J., **Tchamova, A.** On the Validity of Dempster Fusion Rule and its Interpretation as a Generalization of Bayesian Fusion Rule. International Journal of Intelligent Systems, 29, 3, 2014, DOI:10.1002/int.21638, 223-252. ISI IF:1.886
- Цитира се в:
536. Yang, Y., Han, D., "A new distance-based total uncertainty measure in the theory of belief functions", Knowledge-Based Systems Journal, Vol. 94(15, pp.114-123, DOI: 10.1016/j.knosys.2015.11.014, 2016., **@2016**
537. Meizhu Li, Qi Zhang1 and Yong Deng, "A New Probability Transformation Based on the Ordered Visibility Graph", International Journal of Intelligent Systems, Volume 31, Issue 1, pages 44–67, DOI: 10.1002/int.21744 , 2016., **@2016**
538. Yuxin Zhao, Renfeng Jia, Peng Shi, A novel combination method for conflicting evidence based on inconsistent measurements, Information Sciences Journal, Volumes 367–368, pp.125-142, DOI: 10.1016/j.ins.2016.05.039, 2016., **@2016**

- 539.** Zhao, Y., R. Jia, P. Shi, A novel combination method for conflicting evidence based on inconsistent measurement, *Information Sciences Journal*, Volumes 367–368, pp. 125–142, 2016., [@2016](#)
- 540.** Uwe Mönks, Helene Dörksen, Volker Lohweg and Michael Hübner, *Information Fusion of Conflicting Input Data, Sensors Journal*, 16(11), 1798; doi:10.3390/s16111798, 2016., [@2016](#)
- 295.** Atanassov, E., Gurov, T., Karaivanova, A., Ivanovska, S., Durdova, M., Georgiev, D., Dimitrov, D.. Tuning for Scalability on Hybrid HPC Cluster. *Mathematics in Industry*, Cambridge Scholar Publishing, 2014, ISBN:978-1-4438-6401-5, 64-77

Цитира се в:

- 541.** Stoykov, S., Margenov, S., Scalable parallel implementation of shooting method for large-scale dynamical systems. Application to bridge components, *Journal of Computational and Applied Mathematics*, 2016, 293, pp. 223-231. DOI: 10.1016/j.cam.2015.04.015, Impact Factor: 1.328, [@2016](#)
- 542.** Grigorova, D., Gueorguieva, R., Correlated probit analysis of repeatedly measured ordinal and continuous outcomes with application to the Health and Retirement Study, *Statistics in Medicine*, 2016, 35 (23), pp. 4202-4225. DOI: 10.1002/sim.6982, Impact Factor: 1.533, [@2016](#)
- 296.** Kirilov L., Guliashki V.. An Extension of Flexible Job Shop Problem (FJSP) and Method for Solving. Proceedings of the 15th International Conference on Computer Systems and Technologies CompSysTech'14, ACM International Conference Proceeding Series, 2014, ISBN:978-1-4503-2753-4, 210-217

Цитира се в:

- 543.** Tochev A., (2016), "Heuristics and Metaheuristics for Single- and Multi-objective Flexible Job Shop Scheduling Problems", In: Proceedings of the International Conference Information Technologies (InfoTech 2016), 30-th issue, (Editor Prof. Radi Romanski), ISSN: 1314-1023, 20.-21. September, 2016, Varna – St. St. Constantine and Elena resort, Bulgaria, pp. 124-133., [@2016](#)
- 297.** Guliashki V., Kirilov L.. Hybrid Evolutionary Algorithm for Multiple Objective Convex Integer Problems. Proceedings of the International Conference Information Technologies (InfoTech 2014), 28-th issue, 2014, ISSN:1314-1023, 19-28

Цитира се в:

- 544.** Balabanov T., I. Zakinski, M. Barova, "Strategy for Individuals Distribution by Incident Nodes Participation in Star Topology of Distributed Evolutionary Algorithms", *Cybernetics and Information Technologies*, ISSN 1311-9702, Vol. 16, No 1, 2016, pp. 80-88, [@2016](#)
- 298.** Roeva O., Slavov Tz., Fidanova S.. Population-based vs. Single Point Search Meta-heuristics for a PID Controller Tuning. *Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications*, 2, 1, IGI-Global, 2014, ISBN:9781466644502, DOI:10.4018/978-1-4666-4450-2, 34, 200-233

Цитира се в:

- 545.** Majumder, A., Das, A. and Das, P.K., A standard deviation based firefly algorithm for multi-objective optimization of WEDM process during machining of Indian RAFM steel. Neural Computing and Applications, Springer, ISSN 0941-0643, IF 1, 492, DOI 10.1007/s00521-016-2471-9, pp.1-13., **@2016**
- 546.** Ter-Sarkisov A, Marsland S. K-Bit-Swap: a new operator for real-coded evolutionary algorithms. Soft Computing. Springer , ISSN 1432-7643, DOI 10.1007/s00500-016-2170-6, IF 1.63, 2016., **@2016**
- 547.** Holubcik, M., Kolkova, Z. and Jandacka, J., June. Energy properties of solid fossil fuels and solid biofuels. In THE APPLICATION OF EXPERIMENTAL AND NUMERICAL METHODS IN FLUID MECHANICS AND ENERGY 2016: XX. Anniversary of International Scientific Conference, AIP Conf. Proceeding Vol. 1745, No. 1, p. 020011, AIP Publishing, 2016., **@2016**
- 548.** Holubcik, M., Vician, P. and Palacka, M., 2016, June. Thermal power output determination of 2 MW heat source by using of thermocouples. In THE APPLICATION OF EXPERIMENTAL AND NUMERICAL METHODS IN FLUID MECHANICS AND ENERGY 2016: XX. Anniversary of International Scientific Conference, AIP Conf. Proceeding Vol. 1745, No. 1, p. 020010, AIP Publishing, 2016., **@2016**
- 549.** Holubcik M, Jandacka J, Durcansky P. Energy properties of wood pellets made from the unusual woody plants. In THE MEETING OF DEPARTMENTS OF FLUID MECHANICS AND THERMOMECHANICS (35MDFMT): Proceedings of the 35th Meeting of Departments of Fluid Mechanics and Thermomechanics, Vol. 1768, No. 1, AIP Publishing, 2016, p. 020013., **@2016**
- 550.** Holubcik, M., Jandacka, J., Palacka, M. and Vician, P., 2016, September. Additives application to wheat straw to increasing the ash fusion temperature. In THE MEETING OF DEPARTMENTS OF FLUID MECHANICS AND THERMOMECHANICS (35MDFMT): Proceedings of the 35th Meeting of Departments of Fluid Mechanics and Thermomechanics Vol. 1768, No. 1, AIP Publishing, 2016, p. 020014., **@2016**
- 299.** Nikolova, I, Tcharaktchiev, D., Boytcheva, S., Angelov, Z., Angelova, G.. Applying Language Technologies on Healthcare Patient Records for Better Treatment of Bulgarian Diabetic Patients. Artificial Intelligence: Methodology, Systems, and Applications, 8722, Springer International Publishing: LNCS, 2014, ISSN:0302-9743, DOI:10.1007/978-3-319-10554-3_9, 92-103. SJR:0.305

Цитира се в:

- 551.** Lahtiranta, J. (2016, September). Bridging the Gap-Health, Technology and Intermediaries. In International Conference on Well-Being in the Information Society. Springer International Publishing: Communications in Computer and Information Science, 636, pp. 3-14, DOI: 10.1007/978-3-319-44672-1_1, ISSN 1865-0929, (SCOPUS, SJR 0.149), **@2016**
- 300.** Ouzounov A. Telephone Speech Endpoint Detection using Mean-Delta Feature. Cybernetics and Information Technologies, 14, 2, DE GRUYTER OPEN, 2014, ISSN:Print ISSN: 1311-9702; Online ISSN: 1314-4081, 127-139. SJR:0.17

Цитира се в:

- 552.** Guo Yu, Zhang Erhua, Liu Chi, An endpoint detection algorithm based on frequency-domain characteristics and transition fragment judgment, Journal of Shandong University (Engineering Science), 2016, Vol. 46 Issue (2), pp. 57-63; DOI: 10.6040/j.issn.1672-

3961.2.2015.147., @2016

- 301.** Иванов Вл.. Представление FPGA как алгебраической системы. Сборник трудове на международна конференция „Параллельна компютърна алгебра и её приложения в новых инфокоммуникационных системах”, Ставропол, Русия 20-24 окт. 2014, 2014, ISBN:978-5-91903-112-3, 462-465

Цитира се в:

553. Гьошев С. , Н. Стоименов, Б. Соколов, Изследване на пластична и еластична деформация на предпазни съоръжения с високоскоростна камера. International Conference Robotics, Automation and Mechatronics 3-4 Октомври 2016, Бяла, България, стр. 29-32, ISSN 1314-4634, @2016

- 302.** Zlatev, Z., Georgiev, K., Dimov, I.T.. Studying Absolute Stability Properties of the Richardson Extrapolation Combined with Explicit Runge-Kutta Methods. Computers & Mathematics with Applications, 67, 12, Elsevier, 2014, ISSN:0898-1221, DOI:10.1016/j.camwa.2014.02.025, 2294-2307. SJR:1.121, ISI IF:1.697

Цитира се в:

554. P.V. Jeyakarthikeyan, , G. Subramanian, R. Yogeshwaran, An alternate stable midpoint quadrature to improve the element stiffness matrix of quadrilaterals for application of functionally graded materials (FGM), @2016

- 303.** Penchev T., Karastoyanov D.. Experimental Study of Upsetting and Die Forging with Controlled Impact. International Conference on Manufacturing Science and Engineering (ICMSE2014), Lisbon, Portugal, 17-18 April, Vol. 08, 2014, ISSN:1307-6892, 529-533

Цитира се в:

555. Gyoshev S, Theory of Controlled Impacts, PROBLEMS OF ENGINEERING CYBERNETICS AND ROBOTICS Volume 67, Sofia 2016, p. 11-18, ISSN 0204-9848, @2016

556. Станислав Димитров Гьошев., Изследване на управляеми ударни процеси., Дисертация за получаване на образователна и научна степен „доктор“, София, 2016 г., @2016

- 304.** Georgiev, D., Atanassov, E.. Extensible framework for execution of distributed genetic algorithms on grid clusters. 2014 37th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2014 - Proceedings}, IEEE Computer Society, 2014, ISBN:978-953233081-6, DOI:10.1109/MIPRO.2014.6859581, 301-306. SJR:0.114

Цитира се в:

557. Patterson, Samuel R (2016) Optimising the operational energy efficiency of an open-pit coal mine system. PhD thesis, Queensland University of Technology., @2016

- 305.** Liolios, K., Moutsopoulos, K., Tsirhrintzis, V.. Comparative Modeling of HSF Constructed Wetland Performance With and Without Evapotranspiration and Rainfall. Environmental Processes, 1, 2, Springer Science + Business Media, 2014, ISSN:21987491, DOI:<http://dx.doi.org/10.1007/s40710-014-0019-5>, 171-186

Цитира се в:

- 558.** Kotti I.P., Sylaios G.K. and Tsirhrintzis V.A. (2016). Fuzzy modeling for nitrogen and phosphorus removal estimation in free-water surface constructed wetlands. Environmental Processes, vol. 3(1), 65-79., [@2016](#)
- 306.** Zlatev, Z., **Dimov, I.**, Faragó, I., Georgiev, K., Havasi, Á., Ostromsky, Tz.. Application of Richardson Extrapolation for Multi-dimensional Advection Equations. Computers and Mathematics with Applications, 67, 12, Elsevier, 2014, ISSN:0898-1221, DOI:10.1016/j.cam.2014.06.001, 2279-2293. SJR:1.092, ISI IF:2.062

Цитира се в:

- 559.** Jeyakarthikeyan, P.V., Subramanian, G., Yogeshwaran, R., An alternate stable midpoint quadrature to improve the element stiffness matrix of quadrilaterals for application of functionally graded materials (FGM), Computers & Structures, Volume 178, Pages 71–87, <http://dx.doi.org/10.1016/j.compstruc.2016.10.008>, [@2016](#)
- 307.** Стоянов, С., **Попчев, И.**. DeLC - минало, настояще, бъдеще, пленарен доклад.. Международна конференция "From DeLC to VelSpace", 26-28 march 2014, Plovdiv, 2014, ISBN:0-9545660-2-5

Цитира се в:

- 560.** Петров, А., А. Петров, В. Вълканова, И. Димитров. Игриво-базирано обучение във виртуално образователно пространство. В: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 451-456, Бургас, 2016. ISBN 978-619-7126-28-0., [@2016](#)
- 308.** Stoykov, S., Margenov, S.. Numerical computation of periodic responses of nonlinear large-scale systems by shooting method. Computers & Mathematics with Applications, 67, 12, Elsevier, 2014, DOI:10.1016/j.camwa.2014.01.023, 2257-2267. ISI IF:2.17

Цитира се в:

- 561.** L. Yuanping, C. Siyu, Periodic solution and bifurcation of a suspension vibration system by incremental harmonic balance and continuation method, Nonlinear Dynamics 83 (2016) 941-950, DOI: 10.1007/s11071-015-2378-5, [@2016](#)
- 309.** Fidanova S., Roeva O.. Hybrid Bat Algorithm for Parameter Identification of an E. coli Cultivation Process Model. Biotechnology and Biotechnological Equipment, 27, 6, 2014, ISSN:1310-2818, 4323-4326. ISI IF:0.3

Цитира се в:

- 562.** Osaba, E., Yang, X. S., Diaz, F., Lopez-Garcia, P., & Carballido, R., An improved discrete bat algorithm for symmetric and asymmetric Traveling Salesman Problems. Engineering Applications of Artificial Intelligence, 48, IF 2.207, 2016 59-71., [@2016](#)
- 563.** Ghovvati M., Khayati G., Attar H., Vaziri A., Kinetic parameters estimation of protease production using penalty function method with hybrid genetic algorithm and particle swarm optimization, Biotechnology and Biotechnological Equipment, Vol. 30(2), ISSN: 1310-2818, SJR 0.162, IF 0.300, 2016, 404-410., [@2016](#)
- 310.** Fidanova S., Paprzycki M., Roeva O.. Hybrid GA-ACO Algorithm for a Model Parameter Identification Problem. FedCSIS, IEEE Xplorer, 2014, ISBN:978-83-60810-58-3, DOI:[DOI](#)

10.15439/2014F373, 413-420

Цитира се в:

- 564.** Drag, P. and Styczeń, K., 2016, November. The matrix-based description approach for the multistage differential-algebraic processes. In Computer Science and Information Systems (FedCSIS), 2016 Federated Conference on, IEEE Xplorer, 2016, 939-942., **@2016**
- 565.** Mishra, S., Singh, S.S., Mishra, B.S.P. and Panigrahi, P.K., Research on Soft Computing Techniques for Cognitive Radio. International Journal of Mobile Computing and Multimedia Communications (IJMCMC), 7(2), SJR 0.122, 2016, pp.53-73., **@2016**
- 566.** Drag, P. and Styczen, K, The Constraints Aggregation Technique for Control of Ethanol Production, Recent Advances in Computational Optimization, Studies of Computational Intelligence 655, Springer, 2016, 179-192, **@2016**
- 567.** Drag, P. and Styczen, K., 2016, May. Evaluation of the solution quality for control of the nonlinear descriptor processes. In 2016 17th International Carpathian Control Conference (ICCC) IEEE Xplorer, , 2016, pp. 166-171., **@2016**
- 311.** Mustakerov I., D. Borissova. One-dimensional cutting stock model for joinery manufacturing. Proc. Advanced Information Science and Applications – Vol. I, 18th Int. Conf. on Circuits, Systems, Communications and Computers, 2014, ISBN:978-1-61804-236-1, 51-55

Цитира се в:

- 568.** Ch. Korsemov, H. Toshev. Optimal Cutting of the Glass and the Profiles for Joinery Work with Application of Genetic Algorithms. IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Vol. 18, Issue 5, Ver. VI (Sep. - Oct. 2016), PP 80-85, **@2016**
- 312.** Borissova D., I. Mustakerov. A parallel algorithm for optimal job shop scheduling of semiconstrained details processing on multiple machines. Proc. Advanced Information Science and Applications – Vol. I, 18thInt. Conf. on Circuits, Systems, Communications and Computers, 2014, ISBN:978-1-61804- 236-1, 145-150

Цитира се в:

- 569.** Ch. Korsemov, H. Toshev. Optimal Planning of the Production of Corpus Details on Metal Cutting Machines with the Help of Computer Numeric Control. IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Vol. 18, Issue 5, Ver. VI (Sep. - Oct. 2016), pp. 86-90, **@2016**
- 570.** Кирилов, Л., В. Гуляшки, К. Генова. Многокритериално вземане на решения в задачи за производствени разписания. Изд. Образование, ISBN 978-954-552-074-7, 2016, 281 стр., **@2016**
- 313.** Fidanova S., Marinov P., Paprzycki M.. Multi-Objective ACO Algorithm for WSN Layout: Performance According Number of Ants. J. of Metaheuristics, 3, 2, InTech, 2014, ISSN:1755-2176, 149-161

Цитира се в:

- 571.** Lopez-Matencio P., An ACOR-Based Multi-Objective WSN Deployment Example for Lunar Surveying, J. Sensor 16(2), article 209, DOI: 10.3390/s16020209, ISSN 1424-8220, IF 2.245,

2016., @2016

572. 4. Jordehi, A. R., "Parameter estimation of solar photovoltaic (PV) cells: A review." Renewable and Sustainable Energy Reviews 61, IF 5.901, 2016, 354-371., @2016
314. **Georgiev, I., Margenov, S.** Semi-coarsening AMLI preconditioning of anisotropic trilinear FEM systems. Computers and Mathematics with Applications, 68, 12, Elsevier, 2014, ISSN:08981221, DOI:10.1016/j.camwa.2014.07.030, 2103-2111. SJR:1.4, ISI IF:1.1

Цитира се в:

573. Ivana Pultarová, Hierarchical preconditioning for the stochastic Galerkin method: Upper bounds to the strengthened CBS constants, Computers & Mathematics with Applications, Volume 71, Issue 4, February 2016, Pages 949–964, @2016
315. Kenn, M., Ribarics, R., **Ilieva, N.**, Schreiner, W.. Finding Semirigid Domains in Biomolecules by Clustering Pair-Distance Variations. BioMed Research International, 2014, Hindawi Publishing Corporation, 2014, DOI:<http://dx.doi.org/10.1155/2014/731325>, SJR:1.579

Цитира се в:

574. Koike, R., Takeda, S., Maeda, Y., Ota, M. Comprehensive analysis of motions in molecular dynamics trajectories of the actin capping protein and its inhibitor complexes Proteins: Structure, Function, and Bioinformatics. (Wiley, 2016; Online ISSN: 1097-0134; IF: 2.627), @2016
316. Ivanov, P., **Atanassov, E.**, Jaime, C.. Computational study on the conformations of CD38 and inclusion complexes of some lower-size large-ring cyclodextrins. Journal of Molecular Structure, 1056-1057, Elsevier, 2014, ISSN:0022-2860, DOI:10.1016/j.molstruc.2013.10.048, 238-245. SJR:0.405, ISI IF:1.602

Цитира се в:

575. Assaf, K.I., Gabel, D., Zimmermann, W., Nau, W.M., High-affinity host-guest chemistry of large-ring cyclodextrins, Organic and Biomolecular Chemistry, 2016, 14 (32), pp. 7702-7706. DOI: 10.1039/c6ob01161f, Impact factor: 3.559, @2016
317. Cantoni, V. (Eds.), **Dimov, D. (Eds.)**, Tistarelli, M. (Eds.). Biometric Authentication. First International Workshop, BIOMET 2014, Sofia, Bulgaria, June 23-24, 2014, Revised Selected Papers, 8897, Springer, 2014, ISBN:978-3-319-13385-0, DOI:10.1007/978-3-319-13386-7, 265, SJR:0.252

Цитира се в:

576. Gossen, F., and T. Margaria, "Comprehensible people recognition using the Kinect's face and skeleton model," 2016 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, 2016, pp. 1-6, doi: 10.1109/AQTR.2016.7501309, @2016
577. Pala, F., R. Satta, G. Fumera and F. Roli: Multimodal Person Reidentification Using RGB-D Cameras, IEEE Transactions on Circuits and Systems for Video Technology, vol. 26, no. 4, pp. 788-799, April 2016, doi: 10.1109/TCSVT.2015.2424056, @2016
318. Kandeva M., **Karastoyanov D.**, Ivanova B., Pojidaeva V.. Influence of nano-diamond particles on the tribological characteristics of nickel chemical coatings. Tribology in Industry, 2, 36, 2014, ISSN:03548996, 181-187

Цитира се в:

- 578.** Ajibola, O.O., Evaluation of electroless-nickel plated polypropylene under thermal cycling and mechanical tests., *Tribology in Industry*, Volume 38, Issue 3, September 2016, ISSN: 03548996, Pages 412-424 (Ref. No 50), **@2016**
- 579.** Charoo, M.S., Wani, M.F., Tribological properties of IF-MoS₂ nanoparticles as lubricant additive on cylinder liner and piston ring tribo-pair., *Tribology in Industry*, Volume 38, Issue 2, 2016, ISSN: 03548996, Pages 156-162 (Ref. No 5), **@2016**
- 319.** Mitankin, P., Gerdjikov, S., **Mihov, S.**. An approach to unsupervised historical text normalization. 1st International Conference on Digital Access to Textual Cultural Heritage, DATeCH 2014;, 2014, 29-34

Цитира се в:

- 580.** Eger, Steffen, and Alexander Mehler. "A Comparison of Four Character-Level String-to-String Translation Models for (OCR) Spelling Error Correction." *The Prague Bulletin of Mathematical Linguistics* 105.1 (2016): 77-99., **@2016**
- 581.** Kestemont, Mike, et al. "Lemmatization for variation-rich languages using deep learning." *Digital Scholarship in the Humanities* (2016): fqw034., **@2016**
- 320.** Roeva O., **Fidanova S.**. Parameter Identification of an E.coli Cultivation Peocess Model Using Hybrid Methaeuristics. *J. of Metaheuristics*, 3, 4, 2014, ISSN:1755-2176, 133-148

Цитира се в:

- 582.** Dhouib, S., Dhouib, S. and Chabchoub, H., 2016. Enriched artificial bee colony metaheuristic for hierarchical goal programming engineering design problems. *International Journal of Metaheuristics*, 5(3-4), pp.173-192., **@2016**
- 321.** **Karastoyanov D.**, Kotev V., **Penchev T.**. Forging Process Control by Additional Rocket Force. *International Journal of Emerging Technology and Advanced Engineering*, 4, 8, 2014, ISSN:2250–2459, 297-306

Цитира се в:

- 583.** Gyoshev S, Theory of Controlled Impacts, PROBLEMS OF ENGINEERING CYBERNETICS AND ROBOTICS Volume 67, Sofia 2016, p. 11-18, ISSN 0204-9848, **@2016**
- 322.** **Stoimenov N.**, **Karastoyanov D.**, Vukov A., Neshkov T., Klochkov L., **Gyoshev S.**. Thermographic Study Of Rolls on Roller Batteries. XII International SAUM Conference on Systems, Automatic Control and Measurements, 2014, ISBN:978-86-6125-117-7, 25-28

Цитира се в:

- 584.** Moisture control in buildings. Condensation managing in surrounding constructions, Veneta Christova-Yosifova, PROBLEMS OF ENGINEERING CYBERNETICS AND ROBOTICS, 67, 2016, Sofia, pp 43-50, **@2016**
- 585.** Венета Христова – Йосифова, Уреди за обследване енергоефективността на сгради и съоръжения. RAM 2016, 3-4 Октомври 2016, Бяла, България.стр. 29-32, ISSN 1314-4634, **@2016**

323. Dichev Ch., Dicheva D., **Angelova, G.**, **Agre, G.**. From Gamification to Gameful Design and Gameful Experience in Learning. *Cybernetics and Information Technologies*, 14, 4, 2014, ISSN:1311-9702, DOI:10.1515/cait-2014-0007, 80-100. SJR:0.17

Цитира се в:

586. Bontchev, Boyan. Adaptation in Affective Video Games: A Literature Review. *Cybernetics and Information Technologies* 16.3 (2016): 3-34, **@2016**
587. Bartel, Alexander, and Georg Hagel.. Gamified Just-in-Time Teaching-A Conceptual Approach Based on Best Practices.. In: Proc. of the 2nd European Conference on Software Engineering in Education, Seeon Monastery, Germany, 2016., **@2016**
588. Songer, R.W., Miyata, K. A playful affordances approach to the design of gameful learning. *International Journal of Engineering Education*, Volume 32, Issue 1, 2016, Pages 468-478, **@2016**
589. de-Marcos, Luis, Eva Garcia-Lopez, and Antonio Garcia-Cabot. "On the effectiveness of game-like and social approaches in learning: Comparing educational gaming, gamification & social networking." *Computers & Education* 95 (2016): 99-113., **@2016**
590. Adukaite, Asta. ICT and gamified learning in tourism education a case of South African Secondary schools. Thèse de doctorat : Università della Svizzera italiana, 2016 ; 2016COM012, 178 p., **@2016**
591. Peixoto, Mariana Maia, and Carla Silva. A Gamification Requirements Catalog for Educational Software: Results from a Systematic Literature Review and a Survey with Experts. In: Proc. of WER: Workshop em Engenharia de Requisitos 2016, 27-29 April, 2016, Quito, Ecuador, paper 11, **@2016**
324. Atanassova, V., **Doukovska, L.**, Atanassov, K., Mavrov, D.. InterCriteria Decision Making Approach to EU Member States Competitiveness Analysis. Proc. of the International Symposium on Business Modeling and Software Design – BMSD'14, SCITEPRESS - Science and Technology Publications, 2014, ISBN:978-989-758-032-1, DOI:10.5220/0005427302890294, 289-294
- Цитира се в:*
592. Erbakanov L., T. Kostadinov, T. Petkov, S. Sotirov, V. Bureva, Modeling Logic Gates and Circuits with Generalized Nets, In Novel Developments in Uncertainty Representation and Processing, Springer International Publishing, pp. 243-256, 2016., **@2016**
593. Petrov M., T. Ilkova, InterCriteria Decision Analysis for Choice of Growth Rate Models of Batch Cultivation by Strain Kluyveromyces Marxianus Var. Lactis MC 5, Journal of International Scientific Publications - Materials, Methods & Technologies, ISSN 1314-7269, vol. 10, pp. 468-486, 2016., **@2016**
594. Sharmila, S., Arockiarani, I. (2016) A pollution model of the river ganges through inter criteria analysis. *International Journal of Oceans and Oceanography*, 10 (2), pp. 81-91., **@2016**
325. Atanassova, V., Mavrov, D., **Doukovska, L.**, Atanassov, K.. Discussion on the Threshold Values in the InterCriteria Decision Making Approach. Notes on Intuitionistic Fuzzy Sets (NIFS), 20, 2, Prof. Marin Drinov Academic Publishing House, 2014, ISSN:1310-4926, 94-99

Цитира се в:

- 595.** Krawczak M., V. Bureva, E. Sotirova, E. Szmida, Application of the InterCriteria Decision Making Method to Universities Ranking, In Novel Developments in Uncertainty Representation and Processing, Springer International Publishing, pp. 365-372, 2016., **@2016**
- 596.** Fidanova S., O. Roeva, A. Mucherino, K. Kapanova, InterCriteria Analysis of Ant Algorithm with Environment Change for GPS Surveying Problem. In International Conference on Artificial Intelligence: Methodology, Systems and Applications, Springer International Publishing, pp. 271-278, 2016., **@2016**
- 597.** Roeva O., S. Fidanova, M. Paprzycki, InterCriteria Analysis of ACO and GA Hybrid Algorithms. In Recent Advances in Computational Optimization, Springer International Publishing, pp. 107-126, 2016., **@2016**
- 598.** Erbakanov L., T. Kostadinov, T. Petkov, S. Sotirov, V. Bureva, Modeling Logic Gates and Circuits with Generalized Nets, In Novel Developments in Uncertainty Representation and Processing, Springer International Publishing, pp. 243-256, 2016., **@2016**
- 599.** Sotirova E., V. Bureva, S. Sotirov, A Generalized Net Model for Evaluation Process Using InterCriteria Analysis Method in the University, In Imprecision and Uncertainty in Information Representation and Processing, Springer International Publishing, pp. 389-399, 2016., **@2016**
- 600.** Petrov M., T. Ilkova, InterCriteria Decision Analysis for Choice of Growth Rate Models of Batch Cultivation by Strain Kluyveromyces Marxianus Var. Lactis MC 5, Journal of International Scientific Publications - Materials, Methods & Technologies, ISSN 1314-7269, vol. 10, pp. 468-486, 2016., **@2016**

2015

- 326.** **Doukovska, L.**, Atanassova, V.. InterCriteria Decision Making Approach in Radar Detection Threshold Analysis. Notes on Intuitionistic Fuzzy Sets (NIFS), 21, 4, Prof. Marin Drinov Academic Publishing House, 2015, ISSN:1310-4926, 129-135

Цитира се в:

- 601.** Roeva O., J. Perez, F. Valdez, O. Castillo, "InterCriteria Analysis of Bat Algorithm with Parameter Adaptation Using Type-1 and Interval Type-2 Fuzzy Systems", Notes on Intuitionistic Fuzzy Sets, Print ISSN 1310–4926, Online ISSN 2367–8283, vol. 22, Issue 3, pp. 91-105, 2016., **@2016**
- 327.** Boella, G., Di Caro, L., Graziadei, M., Cupi, L., Salaroglio, C. E., Humphreys, L., Konstantinov, H., Marko, K., Robaldo, L., Ruffini, C., **Simov, K.**, Violato, A., Stroetmann, V.. Linking legal open data: Breaking the accessibility and language barrier in European legislation and case law. Proceedings of the International Conference on Artificial Intelligence and Law, 2015, 171-175

Цитира се в:

- 602.** Casanovas, P., Palmirani, M., Peroni, S., Van Engers, T., Vitali, F. Semantic Web for the Legal Domain: The'next step (2016) Semantic Web, 7 (3), pp. 213-227. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963665157&partnerID=40&md5=b97546e8ae472e69ed3b3a8025e9f77c> DOI: 10.3233/SW-160224, **@2016**

- 328.** Mavrov, D., **Radeva, I.**, Atanassov, K., **Doukovska, L.**, Kalaykov, I.. InterCriteria Software Design: Graphic Interpretation within the Intuitionistic Fuzzy Triangle. Proc. of the International Symposium on Business Modeling and Software Design – BMSD'15, Milan, Italy, SCITEPRESS - Science and Technology Publications, 2015, ISBN:978-989-758-111-3, 279-283

Цитира се в:

- 603.** Георгиева, П.. Конструиране на оптимален инвестиционен портфейл с генетични алгоритми. В: Юбилейна научна конференция с международно участие “Новата идея в образоването”. 20-21 септември 2016, том. 2, с. 526-534, Бургас. ISBN: 978-619-7126-280., **@2016**

- 329.** **Doukovska, L.**. Conventional Hough Detector in Presence of Randomly Arriving Impulse Interference. Proc. of the International Radar Symposium – IRS'15, Dresden, Germany, 1, IEEEExplore, 2015, ISBN:978-3-95404-853, 487-492

Цитира се в:

- 604.** Zhang Yangmei, Feng Xi'an, “Multiplication-Based Pulse Integration for Detecting Underwater Target in Impulsive Noise Environment”, IEEE Access, vol. 4, pp. 6894-6900, DOI 10.1109/ACCESS.2016.2618375, 2016., **@2016**

- 330.** **Staykov, B.**. Solving multicriteria optimization problems with WebOptim software system. Cybernetics and Information Technologies, 15, 3, Prof. Marin Drinov Academic Publishing House, 2015, ISSN:1311-9702, DOI:10.1515/cait-2015-0049, 165-177. SJR:0.17

Цитира се в:

- 605.** Ташев, Т., А. Баканов, Р. Ташева. Верхняя граница пропускной способности коммутатора с матричным переключателем для входящего трафика типа модифицированной модели Чанг-а. Доклади на Университетската годишна научна конференция на Национален Военен Университет «В.Левски» 2016, 20-21 Октомври 2016, Велико Търново, България. Издаделски комплекс НВУ, 2016, том 2, стр.107-115. ISSN 1314-1937., **@2016**

- 331.** Dicheva, D., Dichev, Ch., **Agre, G.**, **Angelova, G.**. Gamification in Education: A Systematic Mapping Study. Educational Technology & Society, 18, 3, 2015, ISSN:1176-3647, ISI IF:1.376

Цитира се в:

- 606.** Katja Fleischmann, Ellen Ariel. Gamification in Science Education: Gamifying Learning of Microscopic Processes in the Laboratory. CONTEMPORARY EDUCATIONAL TECHNOLOGY, 2016, 7(2), 138-159., **@2016**

- 607.** Fabroicif Fava. FLUKE: represando a gamificacao para a aprendizagem creative. PhD, Universidade Catolica de Sao Paolo, 2016, **@2016**

- 608.** Ladislav Pilar, Stanislav Rojik, Tereza Balcarova, Jana Polakova. GAMIFICATION IN EDUCATION: CURRENT STATE. 13th International conference on Efficiency and Responsibility in Education 2016, Prague, Volume 13, 463-470, **@2016**

- 609.** Bruce R. Maxim, Raspinder Kaur, Christopher Apzynski, David Edwards, Ethan Evans. An agile software engineering process improvement game. 2016 IEEE Conference: Frontiers in Education (FIE), . . . , IEEE Xplore 01 December 2016, DOI:

10.1109/FIE.2016.7757682., **@2016**

- 610.** Uzman Denizer YILDIRIM. BÖLÜM (Chapter 23). Mikro-Öğretimde Mobil Göz İzlemenin Kullanılması. In: Aytekin İşman, Hatice Ferhan Odabaşı, Buket Akkoyunlu (Eds.) EĞİTİM TEKNOLOJİLERİ OKUMALARI, 2016, 383-392, ISBN 978-605-318-448-5, **@2016**
- 611.** Theodore J. Kopcha , Lu Ding, Kalianne L. Neumann, Ikseon Choi. Teaching Technology Integration to K-12 Educators: A ‘Gamified’ Approach. TechTrends, January 2016, Volume 60, Issue 1, Springer, pp 62-6, ISSN 8756-3894, DOI 10.1007/s11528-015-0018-z, 1-8., **@2016**
- 612.** Ortega-Arranz, Alejandro, et al. A System for Gamifying Ubiquitous Learning Situations Supported by Multiple Technologies. Intelligent Tutoring Systems: 13th International Conference, ITS 2016, Zagreb, Croatia, June 7-10, 2016. Proceedings. Vol. 9684. Springer, 2016., **@2016**
- 613.** Castañeda, Daniel A., and Moon-Heum Cho. Use of a game-like application on a mobile device to improve accuracy in conjugating Spanish verbs. Computer Assisted Language Learning (2016): 1-10., **@2016**
- 614.** Jacques, Lorraine A. An interview with Dr. Barry Fishman: rethinking higher education. On the Horizon 24.3 (2016), **@2016**
- 615.** de Sousa Barreto, Livia, et al. Gamification Aspects in Detail: Collectanea of Studies to Renew Traditional Education. Revista Eletrônica Argentina-Brasil de Tecnologias da Informação e da Comunicação 1.4 (2016), **@2016**
- 616.** Kung, Janice and Rivosecchi, Melissa (2016) Reimagining Instructional Design to Engage Finance Students. In: Concordia University Libraries' 14th Annual Research Forum, April 29, 2016, Loyola Jesuit Hall and Conference Centre, Loyola Campus, Montreal, QC., **@2016**
- 617.** de Oliveira, Ludmilla Cavarzere, et al. A Capacitação de Agentes Públicos: o Exemplo da Escola Judicial do Tribunal Regional do Trabalho da 2ª Região (TRT-2) com a Introdução de um Novo Modelo de Curso com Elementos de Jogos. Revista Organizações em Contexto-online 12.23 (2016): 381-417., **@2016**
- 618.** Espinilla, Macarena, Fernández, A. Santamaría, J. Rivera, A. Gamificación en procesos de autoentrenamiento y autoevaluación. Experiencia en la asignatura de Arquitectura de Computadores. №6, (2016), URI: <http://hdl.handle.net/10481/41913>, ISSN : 2173-8688, **@2016**
- 619.** Muñoz, J.C., Cowling, M. & Birt, J. (2016). Using Gamification and Mixed Reality Visualization to Improve Conceptual Understanding in ICT System Analysis and Design. In S. Barker, S. Dawson, A. Pardo, & C. Colvin (Eds.), Show Me The Learning. Proceedings ASCILITE 2016 Adelaide (pp. 455-460)., **@2016**
- 620.** David Gañán, Santi Caballé, Robert Clarisó, Jordi Conesa. Analysis and Design of an eLearning Platform Featuring Learning Analytics and Gamification. 10th International Conference on Complex, Intelligent, and Software Intensive Systems, 2016, 87-94, DOI 10.1109/CISIS.2016.42, **@2016**
- 621.** Hudiburg, Michele L. Motivation and Learning in an Online Collaborative Project Using Gamification. PhD, Old Dominion University, (2016)., **@2016**
- 622.** Cardoso, E., Santos, D., Costa, D., Caçador, F., Antunes, A., & Ramos, R. Learning scorecard: monitor and foster student learning through gamification. In: Proceedings of the Second International Workshop on Educational Knowledge Management (EKM 2016),

Bologna, 20 November 2016, 39-50, **@2016**

623. Kapp, K. M. Choose your level: Using games and gamification to create personalized instruction. In M. Murphy, S. Redding, & J. Twyman (Eds.), Handbook on personalized learning for states, districts, and schools, 2016, pp. 131–143, . Philadelphia, PA: Temple University, Center on Innovations in Learning., **@2016**
624. Adukaite, Asta, and Lorenzo Cantoni. Raising awareness and promoting informal learning on World Heritage in Southern Africa: The case of WHACY, a gamified ICT-enhanced tool. International Journal of Education and Development using Information and Communication Technology 12.2 (2016): 50., **@2016**
625. Falcão, T.P. Integrating aspects of gamification in the classroom: Takeaways from a tentative experience with undergraduates. CEUR Workshop Proceedings, 2016. pp. 34-45, **@2016**
626. Llanos, Diego R., et al. Chapter 6. Applying Gamification in a Parallel Programming Course. In: Ricardo A.P. de Querios, Mario T. Pinto (Eds.) Gamification-Based E-Learning strategies for Computer Programming Education, 2016, 106-130, IGO Global, ISBN 9781522510352., **@2016**
627. César Morillas Barrio. Gamificación de las aulas mediante las TIC: un cambio de paradigma en la enseñanza presencial frente a la docencia tradicional. Tesis doctorales (PhD Thesis), Universitas Miguel Hernandez, Brazil, October 2016, **@2016**
628. Almeida, Mário, and Youssef Youssef. How to Identify Application and Results of Gamification in Higher Education. 21st International Academy of Management and Business Conference, Volume: 1, p. 8, May 2016, Montreal, Canada, **@2016**
629. Kirsch, Breanne, et al. Improving Student Engagement with Technology Tools. Currents in Teaching & Learning . Sep. 2016, Vol. 8 Issue 2, p 50-61, , **@2016**
630. Meng Tan and Khe Foon Hew. Incorporating meaningful gamification in a blended learning research methods class: Examining student learning, engagement, and affective outcomes. Australasian Journal of Educational Technology, 2016, 32(5), 19-34, **@2016**
631. M. Ortiz, K. Chiluiza, M. Valcke. GAMIFICATION IN HIGHER EDUCATION AND STEM: A SYSTEMATIC REVIEW OF LITERATURE. 8th Annual International Conference on Education and New Learning Technologies - Edulearn16, At Barcelona, Spain, 2016, Pages: 6548-6558, ISBN: 978-84-608-8860-4, ISSN: 2340-1117, DOI: 10.21125/edulearn.2016.0422, **@2016**
632. Kulmer, Florian, Christian Gun Wurzer, and Bernhard C. Geiger. The Magnitude Response Learning Tool for DSP Education: A Case Study. IEEE Transactions on Education , Volume: 59, Issue: 4, Nov. 2016, 282 - 289., **@2016**
633. Francesca Pozzi, Donatella Persico, Collazos C., Francesca Maria Dagnino, Josè Luis Jurado Munoz. Gamifying teacher professional development: an experience with collaborative learning design. Interaction Design and Architecture(s) Journal - IxD&A, N.29, 2016, pp. 76-92, **@2016**
634. Fischer, Helge, et al. Gamifying Higher Education. Beyond Badges, Points and Leaderboards. International Forum on Knowledge Asset Dynamics IFKAD 2016, June 15, Dresden, 2016, **@2016**
635. David Gañán, Santi Caballé, Robert Clarisó, Jordi Conesa. A Prototype of an eLearning Platform in Support for Learning Analytics and Gamification. IEEE Xplore: 27 October 2016, DOI: 10.1109/INCoS.2016.33, **@2016**

636. David Gañán, Santi Caballé , Robert Clarisó, Jordi Conesa. Evaluation of an eLearning Platform Featuring Learning Analytics and Gamification. Lecture Notes on Data Engineering and Communications Technologies, Volume 1, 2016, Springer, pp 947-959., **@2016**
637. Adukaite, Asta. ICT and gamified learning in tourism education : a case of South African secondary schools. PhD Thesis, Università della Svizzera italiana, 2016, **@2016**
638. Jun Scott Chen Hsieh, Yong-Ming Huang, Wen-Chi Vivian Wu, Technological acceptance of LINE in flipped EFL oral training. Computers in Human Behavior, Elsevier, Available online 30 December 2016., **@2016**
639. Anna Pikos, Tomasz Olejniczak. Gamification in Education: “American Dream” Game. In: Simulation and Gaming in the Network Society, Volume 9 of the series Translational Systems Sciences, 2016, pp 147-156, ISSN 2197-8832, DOI 10.1007/978-981-10-0575-6_12, **@2016**
640. John Carlson, Ranida Harris, Ken Harris Coin Counter: Gamification for Classroom Management. Proceedings of the EDSIG 2016 Conference, Las Vegas, Nevada USA, 2016, v2 n4044, ISSN: 2473-3857, pp. 1-11, **@2016**
641. Şeyma Çağlar, Selay Arkün Kocadere. POSSIBILITY OF MOTIVATING DIFFERENT TYPE OF PLAYERS IN GAMIFIED LEARNING ENVIRONMENTS. Proceedings of EDULEARN16 Conference, 4th-6th July 2016, Barcelona, Spain, pp. 1987 – 1994 ISBN: 978-84-608-8860-4., **@2016**
642. KRISZTINA SZABÓ; ALEXANDRA SZEMERE. THE ROLE OF MOTIVATION IN HIGHER EDUCATIONAL GAMIFICATION PRACTICE – EXTENDING THE ISSUE. In: Jan Beseda (Ed.) Proc. of the International Conference DisCo 2016: Towards open education and information society, 2016, 52-71, ISBN 978-80-86-302-62-1, **@2016**
643. GUDONIENE, Daina, et al. Technological Aspects of the Gamification Model for e-Learning Participant’s Engagement. Baltic J. Modern Computing, Vol. 4 (2016), No. 4, 661-668, **@2016**
644. Škuta, Petr, and Kateřina Kostolányová. A PRELIMINARY RESEARCH OF LEARNING LANGUAGES THROUGH THE GAMIFIED APPLICATION. ICTE 2016 – Information and Communication Technologies in Education, Ostrava, Czech Republic, 2016, 4, pp. 159-168, **@2016**
645. Jacobs, J. Gamification in an Online Course: Promoting student Achievement through Game-Like Elements. (Electronic Thesis or Dissertation). (2016)., **@2016**
646. Luís Filipe Rodrigues, Carlos J. Costa, Abílio Oliveira. Gamification: A framework for designing software in e-banking. Computers in Human Behavior 62, 2016, Elsevier, 620-634, ISSN 0747-5632., **@2016**
647. Maha El Tantawi, Shazia Sadaf, Jehan AlHumaid. Using gamification to develop academic writing skills in dental undergraduate students. European Journal of Dental Education, 26 September 2016, DOI: 10.1111/eje.12238, **@2016**
648. Hung, Hsiu-Ting. Clickers in the flipped classroom: bring your own device (BYOD) to promote student learning. Interactive Learning Environments (2016): 1-13., **@2016**
649. de-Marcos, Luis, Eva Garcia-Lopez, and Antonio Garcia-Cabot. "On the effectiveness of game-like and social approaches in learning: Comparing educational gaming, gamification & social networking." Computers & Education 95 (2016): 99-113., **@2016**
650. Jen-Wei Chang and Hung-Yu Wei. Exploring Engaging Gamification Mechanics in Massive

Online Open Courses. Journal of Educational Technology & Society. Vol. 19, No. 2, Intelligent and Affective Learning Environments: New Trends and Challenges (April 2016), pp. 177-203, ISSN: 11763647, **@2016**

- 651.** Laís Pedro, Seiji Isotani. Explorando o Impacto da Gamificação na Redução do Gaming the System em um Ambiente Virtual de Aprendizagem. Anais dos Workshops do Congresso Brasileiro de Informática na Educação. Anais dos Workshops do CBIE 2016, DOI: <http://dx.doi.org/10.5753/cbie.wcbie.2016.81>, **@2016**
- 652.** Menezes, Cláudia Cardinale Nunes, and Luana Brito de Oliveira. GAMIFICAÇÃO: UMA REVISÃO SISTEMÁTICA. Encontro Internacional de Formação de Professores e Fórum Permanente de Inovação Educacional 9.1 (2016)., **@2016**
- 653.** Armando Maciel Toda, Yuri Rafael Oliveira Silva, Wilmax Cruz, Luciana Xavier, Seiji Isotani, Um processo de Gamificação para o ensino superior: Experiências em um módulo de Bioquímica. V Congresso Brasileiro de Informática na Educação (CBIE 2016), Anais do XXII Workshop de Informática na Escola (WIE 2016), pp. 495-504, DOI: 10.5753/cbie.wie.2016.495, **@2016**
- 654.** Lohana Lema Moreta, Antonio Gamboa, Maria Palacios. Implementing a Gamified Application for Risk Management Course. IEEE Ecuador Technical Chapters Meeting, 12-14 Oct., 2016, IEEE Xplore 24 November 2016, DOI: 10.1109/ETCM.2016.7750858, , **@2016**
- 655.** P. Molins-Ruano, F. Jurado ; P. Rodriguez ; S. Atrio ; G. M. Sacha. An approach to gamify an adaptive questionnaire environment. Proc. of 2016 IEEE Global Engineering Education Conference (EDUCON), 10-13 April 2016, Abu Dhabi, United Arab Emirates, 1129 - 1133, DOI: 10.1109/EDUCON.2016.7474696, **@2016**
- 656.** Peixoto, Mariana Maia, and Carla Silva. A Gamification Requirements Catalog for Educational Software: Results from a Systematic Literature Review and a Survey with Experts. In: Proc. of WER: Workshop em Engenharia de Requisitos 2016, 27-29 April, 2016, Quito, Ecuador, paper 11, **@2016**
- 657.** Piasecki, Stefan Chapter 5: Education, "Pointsification," Empowerment? A critical view on the Use of Gamification in Educational Contexts. In: S. Sad and M. Ebner (Eds.) Digital Tools for Seamless Learning (2016): 93., **@2016**
- 658.** Per-Anders Langendahl, Matthew Cook & Cecilia Mark-Herbert. Gamification in Higher Education - Toward a pedagogy to engage and motivate students. Working Paper Series 2016:6, Swedish University of Agricultural Sciences, Department of Economics, Uppsala 2016, 1-34, ISSN 1401-4068, DOI: 10.13140/RG.2.1.4594.9042, **@2016**
- 659.** Huang, Ling-yi. Meaningful Gamification for Journalism Students to Enhance Their Critical Thinking Skills. 10th European Conference on Games Based Learning: ECGBL 6-7 October 2016, Paisley, Scotland, 289-295, ISSN 2049-0992. ISBN 978-1-911218-10-4., **@2016**
- 660.** Fatih Erdođu, Faik O. Karatas. Examining the Effects of Gamification on Different Variables in Science Education. In : Proceedings of 2016 Hoca Ahmet Yesevi Yılı Anısına Uluslararası Türk Dünyası Eğitim Bilimleri ve Sosyal Bilimler Kongresi, 73-80, **@2016**
- 661.** Khe Foon Hew, Biyun Huang, Kai Wah Samuel Chu, Dickson K.W. Chiu. Engaging Asian students through game mechanics: Findings from two experiment studies. Computers & Education, Volumes 92–93, January– February 2016, Pages 221–236, Elsevier, doi:10.1016/j.compedu.2015.10.010, **@2016**
- 662.** Petr Škuta, Kateřina Kostolányová. The Inclusion of Gamification Elements in the Educational

Process. In: Proc. of DIVAI 2016—The 11thinternational scientific conference on Distance Learning in Applied Informatics, Sturovo, Slovakia, May 2-4, 2016, 421-29, ISBN 978-80-7552-249-8ISSN 2464-7470 (Print)ISSN 2464-7489 (On-line), **@2016**

- 663.** Mathrani, A., Christian, S., & Ponder-Sutton, A. PlayIT: Game Based Learning Approach for Teaching Programming Concepts. Educational Technology & Society, 19 (2), 2016, 2–17., **@2016**
- 332.** Mustakerov, I., Borissova, D.. Combinatorial optimization modeling approach for one-dimensional cutting stock problems. Int. Journal of systems applications, engineering & development, 9, 2015, ISSN:2074-1308, 13-18

Цитира се в:

- 664.** Ch. Korsemov, H. Toshev. Optimal Cutting of the Glass and the Profiles for Joinery Work with Application of Genetic Algorithms. IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Vol. 18, Issue 5, Ver. VI (Sep. - Oct. 2016), pp.80-85, **@2016**

- 333.** Стоянов, С., Попчев, И.. Инфраструктури за електронно обучение. Техносфера, 4, 30, 2015, ISSN:1313-3861, 38-45

Цитира се в:

- 665.** Toshkova, A., Doychev, E., Toshkov, B. An Idea for Extension of the Virtual Educational Space for Lifelong Learning. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 433-437, Бургас, 2016. ISBN 978-619-7126-28-0., **@2016**

- 666.** Георгиев, П. Модел на интелигентна среда за обучение на мениджъри. Инженерни науки. Списание на отделение "Инженерни науки" към БАН, год. LIII, 2016, No. 3, с. 5-15, 2016. ISSN 1312-5702., **@2016**

- 334.** Dezert J., Tchamova A., Han D.. A Real Z-box Experiment for Testing Zadeh Example. Proceedings of 18th International Conference on Information Fusion, Washington, DC, 2015, DOI:DOI:10.13140/RG.2.1.1418.6322, 407-412

Цитира се в:

- 667.** Uwe Mönks, Helene Dörksen, Volker Lohweg and Michael Hübner, Information Fusion of Conflicting Input Data, Sensors Journal, 16(11), 1798; doi:10.3390/s16111798, 2016., **@2016**

- 335.** Колчаков, К., Монов, В.. Сравнителен анализ на клас алгоритми за управление на трафик в кросбар комутатор. Международна конференция "Автоматика и Информатика'15", 04-07.10.2015, София, България, Федерация на Научно-техническите съюзи, Съюз по автоматика и информатика, 2015, ISSN:1313 – 1869, 23-26

Цитира се в:

- 668.** Ташев, Т., А. Баканов, Р. Ташева. Верхняя граница пропускной способности коммутатора с матричным переключателем для входящего трафика типа модифицированной модели Чанг-а. Доклади на Университетската годишна научна

конференция на Национален Военен Университет «В.Левски» 2016, 20-21 Октомври 2016, Велико Търново, България. Издателски комплекс НВУ, 2016, том 2, стр.107-115. ISSN 1314-1937., **@2016**

- 336.** Roeva O., **Fidanova S.**, Paprzycki M.. Population Size Influence on the Genetic and Ant Algorithms Performance in Case of Cultivation Process Modelling. Recent Advances in Computational Optimization: Results of the Worcsshop on Computational Optimization WCO 2013, Studies in Computational Intelligence, 580, Springer, 2015, ISBN:978-3-319-12630-2, ISSN:1860-949X, DOI:10.007/978-3-319-12631-9_7, 107-120. SJR:0.235

Цитира се в:

- 669.** Liu, Y., Liu, J., Li, X. and Zhang, Z., A Self-Adaptive Control Strategy of Population Size for Ant Colony Optimization Algorithms. In International Conference in Swarm Intelligence . Springer International Publishing, 2016, pp. 443-450., **@2016**
- 670.** Sani, Nor Samsiah. "Substructural Analysis Using Evolutionary Computing Techniques." PhD diss., University of Sheffield, 2016., **@2016**

- 337.** **Doukovska, L., Karastoyanov, D., Stoimenov, N.**, Kalaykov, I.. InterCriteria Decision Making Approach for Iron Powder Briquetting. Proc. of the International Symposium on Business Modeling and Software Design – BMSD'15, SCITEPRESS - Science and Technology Publications, 2015, ISBN:979-989-758-111, 292-296

Цитира се в:

- 671.** Gyoshev S., Ivanova D., Иновативни методи и средства за високоскоростно брикетиране на метален скрап., International Scientific Conference “High Technologies, Business. Society 2016”, Borovets, Bulgaria, 14-17 March 2016, стр. 8-11, ISSN 1310-3946, **@2016**
- 672.** Gyoshev S., Theory of Controlled Impacts, . Problems of Engineering Cybernetics and Robotics, vol. 67, 2016, ISSN 0204-9848, pp 11-18, **@2016**

- 338.** Ribeiro, P., **Stoykov, S.**. Forced periodic vibrations of cylindrical shells in laminated composites with curvilinear fibres. Composite Structures, 131, Elsevier, 2015, ISSN:0263-8223, DOI:10.1016/j.compstruct.2015.05.050, 462-478. ISI IF:3.5

Цитира се в:

- 673.** F. Tornabene, N. Fantuzzi, M. Bacciochi, Higher-order structural theories for the static analysis of doubly-curved laminated composite panels reinforced by curvilinear fibers, Thin-Walled Structures 102 (2016) 222–245., **@2016**

- 339.** **Kirilov, L., Guliashki, V.**, Genova, K., Zhivkov, P., **Staykov, B.**, Vatov, D.. Interactive Environment WebOptim for Solving Multiple-Objective Problems Using Scalarising and Evolutionary Approaches. International Journal for Reasoning-based Intelligent Systems, Vol. 7, 1/2, 2015, ISSN:1755-0564 (online), 1755-0556 (print), DOI:10.1504/IJRIS.2015.070907, 4-15. SJR:0.142

Цитира се в:

- 674.** Borissova D., I. Mustakerov, D. Korsemov (2016), "Business Intelligence System via Group Decision Making", Cybernetics and Information Technologies, vol. 16, No 3, Print ISSN: 1311-9702; Online ISSN: 1314-4081, DOI: 10.1515/cait-2016-0045, pp.219-229., **@2016**

- 340.** Nikolova, I., Zamanov, I., Kraeva, M., Hateva, N., Yovcheva, I., Angelova, G.. Voltron: A Hybrid System For Answer Validation Based On Lexical And Distance Features. Proceedings of the 9th International Workshop on Semantic Evaluation (SemEval 2015), Association for Computational Linguistics, 2015, ISBN:ISBN 978-1-941643-40, 242-246

Цитира се в:

- 675.** Björn Rudzewitz, An Integrated Approach to Answer Selection in Question Answering: Exploring Multiple Information Sources and Domain Adaptation. 2016. MA Thesis. Seminar für Sprachwissenschaft, Eberhard-Karls-Universität Tübingen., **@2016**
- 676.** Nguyen, Van-Tu, and Anh-Cuong Le. "Answer Validation for Question Answering Systems by Using External Resources." Integrated Uncertainty in Knowledge Modelling and Decision Making: 5th International Symposium, IUKM 2016, Da Nang, Vietnam, November 30-December 2, 2016, Proceedings. Springer International Publishing, 2016., **@2016**
- 677.** Mihaylov, Todor and Nakov, Preslav. SemanticZ at SemEval-2016 Task 3: Ranking Relevant Answers in Community Question Answering Using Semantic Similarity Based on Fine-tuned Word Embeddings. In Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval-2016), June 2016, San Diego, California. pp. 879-886, **@2016**

- 341.** Ivanov V.. Use of the fine grain FPGA structure to generate the UART clock. Proceeding of Int. Conference “Automatics and Informatics”, 04-07.10 2015, Sofia, 2015, ISSN:1313-1869, 181-185

Цитира се в:

- 678.** Гъошев С., Н. Стоименов, Б. Соколов, Изследване на пластична и еластична деформация на предпазни съоръжения с високоскоростна камера. International Conference Robotics, Automation and Mechatronics 3-4 Октомври 2016, Бяла, България, стр. 29-32, ISSN 1314-4634, **@2016**
- 342.** Dimov, I. T., Sellier, J. M.. A Sensitivity Study of the Wigner Monte Carlo Method. Journal of Computational and Applied Mathematics, 277, 2015, ISSN:0377-0427, DOI:10.1016/j.cam.2014.09.010, 87-93. SJR:1.089, ISI IF:1.672

Цитира се в:

- 679.** Dimitriu, G., Boiculese, V. L. Sensitivity Study for a SEIT Epidemic Model. – In: Proc. of E-Health and Bioengineering Conference (EHB), 2016, pp. 1-4. IEEE. ISBN: 978-146737545-0. Doi: 10.1109/EHB.2015.7391495. Article number: 7391495., **@2016**
- 343.** Sellier, J. M., Dimov, I. T.. On the Simulation of Indistinguishable Fermions in the Many-body Wigner Formalism. Journal of Computational Physics, 280, Elsevier, 2015, ISSN:0021-9991, DOI:10.1016/j.jcp.2014.09.026, 287-294. SJR:1.921, ISI IF:3.184

Цитира се в:

- 680.** Lee, Y., Lannoo, M., Cavassilas, N., Luisier, M., Bescond, M., Efficient Quantum Modeling of Inelastic Interactions in Nanodevices, Physical Review B - Condensed Matter and Materials Physics 93 (20), 2016, art. no. 205411. American Physical Society. DOI: 10.1103/PhysRevB.93.205411. ISSN: 1098-0121. SJR(2015): 1.933., **@2016**
- 681.** Xiong, Y., Chen, Z., Shao, S., An Advective-spectral-mixed Method for Time-dependent Many-body Wigner Simulations , SIAM Journal on Scientific Computing 38 (4), 2016, B491-

- B520. Society for Industrial and Applied Mathematics Publications. DOI: 10.1137/15M1051373. ISSN: 1064-8275. SJR(2015): 2.166. IF (2015): 1.792. 5-year IF: 2.402., **@2016**
- 682.** Larkin, A.S., Filinov, V.S., Fortov, V.E., Path Integral Representation of the Wigner Function in Canonical Ensemble, Contributions to Plasma Physics 56 (3-4), 2016, 187-196. Wiley-VCH Verlag. DOI: 10.1002/ctpp.201500078. ISSN: 0863-1042. IF (2015): 1.255. 5-year IF: 1.028., **@2016**
- 344.** Sellier, J.M., Nedjalkov, M., Dimov, I. T., Selberherr, S. A Comparison of Approaches for the Solution of the Wigner Equation. Mathematics and Computers in Simulations, 107, Elsevier, 2015, ISSN:0378-4754, DOI:10.1016/j.matcom.2014.06.001, 108-119. SJR:0.677, ISI IF:1.033
- Цитира се в:
- 683.** Schulz, D., Mahmood, A., Approximation of a Phase Space Operator for the Numerical Solution of the Wigner Equation, IEEE Journal of Quantum Electronics, 52 (2), 2016, art. no. 7339425. DOI: 10.1109/JQE.2015.2504086. IF (2015): 1.843. 5-year IF: 1.622., **@2016**
- 345.** Atanassova, V., Doukovska, L., Karastoyanov, D., Čapkovič, F.. Decision Making Approach to EU Member States Competitiveness Analysis. Mathematical Foundations, Theory, Analyses, 1, 2015, ISBN:978-3-319-11312-8, ISSN:2194-5357, DOI:10.1007/978-3-319-11313-5, 107-115
- Цитира се в:
- 684.** Roeva O., S. Fidanova, M. Paprzycki, InterCriteria Analysis of ACO and GA Hybrid Algorithms. In Recent Advances in Computational Optimization, Springer International Publishing, pp. 107-126, 2016., **@2016**
- 685.** Krawczak M., V. Bureva, E. Sotirova, E. Szmidt, Application of the InterCriteria Decision Making Method to Universities Ranking, In Novel Developments in Uncertainty Representation and Processing, Springer International Publishing, pp. 365-372, 2016., **@2016**
- 346.** Иванов, Вл.. Разработване на програмни средства за моделиране на многофункционални електронни схеми.. Автореферати на дисертации на Института по информационни и комуникационни технологии при Българската академия на науките, 1/2015, 2015, ISSN:e-1314-6351, 23-56
- Цитира се в:
- 686.** Гъшев С., Н. Стоименов, Б. Соколов, Изследване на пластична и еластична деформация на предпазни съоръжения с високоскоростна камера. International Conference Robotics, Automation and Mechatronics RAM 2016, Бяга, 3-4 Октомври България, стр. 29-32, ISSN 1314-4634, **@2016**
- 687.** Стоименов Н., Н. Съботинков , Б.Соколов, Изследване износостойчивостта на лифтери с EDEM Софтуер., International Conference Robotics, Automation and Mechatronics , Byaga, Bulgaria, October 3-4, 2016, стр. 70-73, ISSN 1314-4634., **@2016**
- 347.** Karastoyanov D., Ivanova D., Stoimenov N.. Technology for Production of High Temperature Materials and Alloys Including nano Elements. International Conference on Circuits, Systems, Communications and Computer, CSCC'15, 15.07. – 21.07., Zakynthos, Greece, 2015, ISSN:1790-5117, 177-181

Цитира се в:

- 688.** Попов Б., Проектиране и изработване на високотемпературна пещ с графитов нагревател., International Conference Robotics, Automation and Mechatronics'16 RAM 2016, Byaga, Bulgaria, October 3-4, 2016, стр. 53-59, ISSN 1314-4634., **@2016**
- 348.** Stoilov T., Stoilova K., Papageorgiou M., Papamichail I. Bi-Level Optimization in a Transport Network. Cybernetics and Information Technologies, 15, 5, Marin Drinov, 2015, ISSN:Print ISSN: 1311-9702 Online ISSN: 1314-4081, DOI:10.1515/cait-2015-0023, 37-49. SJR:0.212

Цитира се в:

- 689.** Bart Wolput, Eleni Cristofa, Chris Tampere. Optimal Cycle Length Formulas for Intersections with or without Transit Signal Priority. Paper No. 16-1804, Transportation Research Board 95th Annual Meeting Washington D.C. January 10-14, 2016, p.1-21., **@2016**
- 690.** Balabanov A. Building of Numerically Effective Kalman Estimator Algorithm for Urban Transportation Network. In Innovative Approaches and Solutions in Advanced Intelligent Systems, ISBN 978-3-319-32206-3 ISBN 978-3-319-32207-0 (eBook); DOI 10.1007/978-3-319-32207-0, Springer International Publishing Switzerland 2016, pp 319-334., **@2016**
- 349.** Balabanov, T., Zankinski, I., Barova, M.. Distributed Evolutionary Computing Migration Strategy by Incident Node Participation. Large-Scale Scientific Computing, Lecture Notes in Computer Science, 9374, Springer International Publishing Switzerland, 2015, ISBN:978-3-319-26520-9, DOI:10.1007/203-209. SJR:0.339

Цитира се в:

- 691.** Tomov, P., Monov, V., Artificial Neural Networks and Differential Evolution Used for Time Series Forecasting in Distributed Environment, Proceedings of International Conference Automatics and Informatics, Sofia, Bulgaria, ISSN 1313-1850, pp. 129-132, 2016., **@2016**
- 692.** Ташев, Т., А. Баканов, Р. Ташева. Верхняя граница пропускной способности коммутатора с матричным переключателем для входящего трафика типа модифицированной модели Чанг-а. Доклади на Университетската годишна научна конференция на Национален Военен Университет «В.Левски» 2016, 20-21 Октомври 2016, Велико Търново, България. Издаделски комплекс НВУ, 2016, том 2, стр.107-115. ISSN 1314-1937., **@2016**
- 693.** Keremedchiev, D., Barova, M., Tomov, P., Mobile Application as Distributed Computing System for Artificial Neural Networks Training Used in Perfect Information Games, Proceedeings of International Scientific Conference UniTech, Gabrovo, Bulgaria, ISSN 1313-230X, vol. 2, pp. 389-393, 2016., **@2016**
- 350.** Todorov, Y., Terziyska, M.. NEO-Fuzzy State-Space Predictive Control. IFAC Papers On-line, Volume 48, Issue 24, Elsevier, 2015, ISSN:2405-8963, 99-104

Цитира се в:

- 694.** F. Rivas-Echeverría, E. Recalde, I. Bedón, S. Arciniegas, D. Narváez, Temperature prediction using a Neo-fuzzy neuron approach, Recent Advances in Information Science, pp. 156-160, 2016, **@2016**
- 695.** F. Rivas-Echeverría, E. Recalde, I. Bedón, S. Arciniegas, D. Narváez, A Neo-fuzzy neuron approach for climatic variables forecast, International Journal of Applied Physics, vol. 1, pp.

20-26, 2016, @2016

- 351.** Valkanov, V., Stoyanova-Doycheva, S., Doychev, S., Stoyanov, S., **Popchev, I., Radeva, I.** AjTempura –First Software Prototype of C3A Model. Proc. of the 7th IEEE International Conference Intelligent Systems IS'2014, September 24–26, 2014, Warsaw, Poland, Volume 1: Mathematical Foundations, Theory, Analyses. Series. Advances in Intelligent Systems and Computing., 322, 1, Springer International Publishing Switzerland, 2015, ISBN:978-3-319-11312-5, ISSN:2194-5357, 427-438

Цитира се в:

- 696.** Георгиев, П. Разработване на интелигентна среда за мениджъри. 119 стр. Дисертационен труд за присъждане на образователна и научна степен “Доктор”. Пловдивски университет “Паисий Хиландарски”. Факултет по Математика и информатика. Катедра “Компютърни системи. Пловдив. 2016., @2016

- 352.** Von Groll, G., Dyrdal, D., **Mihov, S.**, Solheim, C.. Financial methodology to valuate and predict the news impact of major events on financial instruments. US Patent 8,930,254, 2015, 1-1

Цитира се в:

- 697.** Gingher, Kurt, et al. "Education through employment of gaming." U.S. Patent No. 9, 272, 204. 1 Mar. 2016., @2016

- 353.** Liolios K., Moutsopoulos K., Tsihrintzis K.. Numerical simulation of phosphorus removal in horizontal subsurface flow constructed wetlands. Desalination and Water Treatment, 56, 5, Taylor and Francis Ltd., 2015, ISSN:19443994, DOI:<http://dx.doi.org/10.1080/19443994.2014.983550>, 1282-1290. SJR:0.392, ISI IF:1.245

Цитира се в:

- 698.** Kotti I.P., Sylaios G.K. and Tsihrintzis V.A. (2016). Fuzzy modeling for nitrogen and phosphorus removal estimation in free-water surface constructed wetlands. Environmental Processes, vol. 3(1), 65-79., @2016

- 354.** Dimov, I. T., Maire, S., **Sellier, J. M.**. A New Walk on Equations Monte Carlo Method for Solving Systems of Linear Algebraic Equations. Applied Mathematical Modelling, 39, 15, Elsevier, 2015, ISSN:0307-904X, DOI:[10.1016/j.apm.2014.12.018](https://doi.org/10.1016/j.apm.2014.12.018), 4494-4510. SJR:0.318, ISI IF:2.251

Цитира се в:

- 699.** Salahshour, S., Ahmadian, A., Ismail, F., Baleanu, D., A Novel Weak Fuzzy Solution for Fuzzy Linear System, Entropy 18 (3), 2016, art. no. 68, Multidisciplinary Digital Publishing Institute (MDPI). DOI: 10.3390/e18030068. ISSN: 1099-4300. SJR(2015): 0.590. IF (2015): 1.743. 5-year IF: 1.780., @2016

- 700.** Fernández, C., Pantano, N., Rómoli, S., Patiño, D., Ortiz, O.A., Scaglia, G., Controller Design for Tracking Paths in Nonlinear Biochemical Processes, 2016 IEEE Biennial Congress of Argentina, ARGENCON 2016, art. no. 7585277, 2016. Institute of Electrical and Electronics Engineers Inc. DOI: 10.1109/ARGENCON.2016.7585277., @2016

- 355.** **Sellier, J.M., Dimov, I.T.**. Wigner Functions, Signed Particles, and the Harmonic Oscillator. Journal of Computational Electronics, 14, 4, Springer Netherlands, 2015, ISSN:1569-8025, DOI:[10.1007/s10825-015-0722-0](https://doi.org/10.1007/s10825-015-0722-0), 907-915. SJR:0.511, ISI IF:1.52

Цитира се в:

- 701.** Lee, Y., Lannoo, M., Cavassilas, N., Luisier, M., Bescond, M., Efficient Quantum Modeling of Inelastic Interactions in Nanodevices, Physical Review B - Condensed Matter and Materials Physics 93 (20), 2016, art. no. 205411. American Physical Society. DOI: 10.1103/PhysRevB.93.205411. ISSN: 1098-0121. SJR(2015): 1.933., **@2016**
- 356.** Osenova, P., Simov, K.. Universalizing BulTreeBank: a Linguistic Tale about Glocalization. Proceedings of the 5th Workshop on Balto-Slavic Natural Language Processing, 2015, ISBN:978-954-452-033-5, 81-89

Цитира се в:

- 702.** Lilja Øvreliid and Petter Hohle. 2016. Universal Dependencies for Norwegian. Proceedings of LREC 2016. ISBN: 978-2-9517408-9-1. pp. 1579-1585., **@2016**
- 357.** Dimov, I. T., Nedjalkov, M., Sellier, J. M., Selberherr, S.. Boundary conditions and the Wigner equation solution. Journal of Computational Electronics, 14, 4, Springer, Netherlands, 2015, ISSN:1569-8025 (print version), 1572-8137 (Online), DOI:10.1007/s10825-015-0720-2, 859-863. SJR:0.511, ISI IF:1.52

Цитира се в:

- 703.** Thomann, A., Borzi, A., Stability and Accuracy of a Pseudospectral Scheme for the Wigner Function Equation, Numerical Methods for Partial Differential Equations, first published: 11 May 2016. DOI: 10.1002/num.22072. Online ISSN: 1098-2426., **@2016**
- 358.** Atanassova, V., Doukovska, L., Mavrov, D., Atanassov, K.. InterCriteria Decision Making Approach to EU Member States Competitiveness Analysis: Temporal and Threshold Analysis. Mathematical Foundations, Theory, Analyses, 1, 322, Springer International Publishing, 2015, ISBN:978-3-319-11312, ISSN:2194-5357, DOI:10.1007/978-3-319-11313-5, 95-106

Цитира се в:

- 704.** Krawczak M., V. Bureva, E. Sotirova, E. Szmidt, Application of the InterCriteria Decision Making Method to Universities Ranking, In Novel Developments in Uncertainty Representation and Processing, Springer International Publishing, pp. 365-372, 2016., **@2016**
- 705.** Petrov M., T. Ilkova, InterCriteria Decision Analysis for Choice of Growth Rate Models of Batch Cultivation by Strain Kluyveromyces Marxianus Var. Lactis MC 5, Journal of International Scientific Publications - Materials, Methods & Technologies, ISSN 1314-7269, vol. 10, pp. 468-486, 2016., **@2016**
- 706.** Roeva O., J. Perez, F. Valdez, O. Castillo, "InterCriteria Analysis of Bat Algorithm with Parameter Adaptation Using Type-1 and Interval Type-2 Fuzzy Systems", Notes on Intuitionistic Fuzzy Sets, Print ISSN 1310–4926, Online ISSN 2367–8283, vol. 22, Issue 3, pp. 91-105, 2016., **@2016**
- 707.** Roeva O., S. Fidanova, M. Paprzycki, InterCriteria Analysis of ACO and GA Hybrid Algorithms. In Recent Advances in Computational Optimization, Springer International Publishing, pp. 107-126, 2016., **@2016**
- 708.** Sotirov S., E. Sotirova, P. Melin, O. Castillo, K. Atanassov, Modular Neural Network Preprocessing Procedure with Intuitionistic Fuzzy InterCriteria Analysis Method, In Flexible

Query Answering Systems 2015, Springer International Publishing, pp. 175-186, 2016., **@2016**

- 359.** Ellinghaus, P., Weinbub, J., **Nedjalkov, M.**, Selberherr, S., **Dimov, I.**. Distributed-Memory Parallelization of the Wigner Monte Carlo Method Using Spatial Domain Decomposition. Journal of Computational Electronics, 14, 1, Springer Netherlands, 2015, ISSN:1569-8025, DOI:10.1007/s10825-014-0635-3, 151-162. SJR:0.511, ISI IF:1.52

Цитира се в:

- 709.** Muscato, O., Wagner, W., A class of stochastic algorithms for the Wigner equation, SIAM Journal on Scientific Computing 38 (3), 2016, A1483-A1507. Society for Industrial and Applied Mathematics Publications. DOI: 10.1137/16M105798X. ISSN: 1064-8275. SJR(2015): 2.166. IF (2015): 1.792. 5-year IF: 2.402., **@2016**

- 360.** Dichev, Ch., Dicheva, D., **Agre, G.**, **Angelova, G.**. Trends and Opportunities in Computer Science OER Development. Cybernetics and Information Technologies, 15, 3, 2015, ISSN:1311-9702, DOI:10.1515/cait-2015-0045, 114-126. SJR:0.17

Цитира се в:

- 710.** Rutkauskiene, Danguole, et al. The Gamification Model for E-Learning Participants Engagement. Smart Education and e-Learning 2016. Volume 59 of the series Smart Innovation, Systems and Technologies, Springer International Publishing, 2016. 291-301, **@2016**

- 711.** Bontchev, Boyan. Adaptation in Affective Video Games: A Literature Review. Cybernetics and Information Technologies 16.3 (2016): 3-34, **@2016**

- 361.** **Borissova, D.**. An Optimal Staffing and Scheduling Approach in Open Shop Environment. Comptes rendus de l'Academie bulgare des Sciences, 68, 10, 2015, ISSN:1310-1331, 1295-1300. ISI IF:0.284

Цитира се в:

- 712.** Кирилов, Л., В. Гуляшки, К. Генова. Многокритериално вземане на решения в задачи за производствени разписания. Изд. Образование, ISBN 978-954-552-074-7, 2016, 281стр., **@2016**

- 362.** **Borissova, D.**, **Mustakerov, I.**. Open job shop scheduling via enumerative combinatorics. Journal of Mathematical Models and Methods in Applied Sciences, 9, 2015, ISSN:1998-0140, 120-127

Цитира се в:

- 713.** Ch. Korsemov, H. Toshev. Optimal Planning of the Production of Corpus Details on Metal Cutting Machines with the Help of Computer Numeric Control. IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Vol.18, Issue 5, Ver. VI (Sep. - Oct. 2016), pp. 86-90, **@2016**

- 714.** Кирилов, Л., В. Гуляшки, К. Генова. Многокритериално вземане на решения в задачи за производствени разписания. Изд. Образование, ISBN 978-954-552-074-7, 2016, 281стр., **@2016**

- 363.** **Sellier, J. M.**, **Nedjalkov, M.**, **Dimov, I. T.**. An Introduction to Applied Quantum Mechanics in the Wigner Monte Carlo Formalism. Physics Reports, 577, JIFP: 96.8, 2015, ISSN:0370-1573,

DOI:10.1016/j.physrep.2015.03.001, 1-34. SJR:8.102, ISI IF:22.91

Цитира се в:

715. Furtmaier, O., Succi, S., Mendoza, M., Semi-spectral Method for the Wigner Equation, Journal of Computational Physics 305, 2016, 1015-1036. Academic Press Inc. DOI: 10.1016/j.jcp.2015.11.023. ISSN: 0021-9991. SJR(2015): 2.167. IF (2015): 2.556. 5-year IF: 2.867., **@2016**
716. Salcedo-Sanz, S., Modern Meta-heuristics Based on Nonlinear Physics Processes: A Review of Models and Design Procedures, Journal of Computational Physics, Physics Reports-Review Section of Physics Letters 655, 2016, 1-70. ACADEMIC PRESS INC ELSEVIER SCIENCE. DOI: ISSN: 0021-9991. SJR(2015): 2.167. IF (2015): 2.556. 5-year IF: 2.867., **@2016**
717. Muscato, O., Wagner, W., A class of stochastic algorithms for the Wigner equation, SIAM Journal on Scientific Computing 38 (3), 2016, A1483-A1507. Society for Industrial and Applied Mathematics Publications. DOI: 10.1137/16M105798X. ISSN: 1064-8275. SJR(2015): 2.166. IF (2015): 1.792. 5-year IF: 2.402., **@2016**
718. Thomann, A., Borzi, A., Stability and Accuracy of a Pseudospectral Scheme for the Wigner Function Equation, Numerical Methods for Partial Differential Equations, first published: 11 May 2016. DOI: 10.1002/num.22072. Online ISSN: 1098-2426., **@2016**
719. Shao, S., & Xiong, Y. (2016). A computable branching process for the Wigner quantum dynamics. arXiv preprint arXiv:1603.00159., **@2016**
364. Roeva O., Vassilev P., **Fidanova S.**, Gepner P.. InterCriteria Analysis of a Model Parameters Identification Using Genetic Algorithm. FedCSIS'2015, EEE Xplorer, 2015, ISBN:978-83-60810-66-1, ISSN:2300-5963, DOI:10.15439/2015F233, 501-506

Цитира се в:

720. Ilkova, T. and Petrov, M., Intercriteria analysis for evaluation of the pollution of the Struma River in the Bulgarian section, Notes on Intuitionistic Fuzzy Sets, Vol. 22(3), ISSN 1310–4926, 2016, 120 – 130., **@2016**
721. Ilkova, T. and Petrov, INTERCRITERIA ANALYSIS FOR MODELLING OF PROCESS FOR THE UNICELLULAR PROTEIN PRODUCTION FOR TRAINING PEOPLE, J. of Int. Scientific Publications: Materials, Methods & Technology, ISSN 1314-7269 , 2016, Vol. 10, 455 – 467., **@2016**
722. Petrov M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cultivation by Strain Kluyveromyces Marxianus Var. Lactis Mc 5, J. of Int. Scientific Publications: Materials, Methods & Technology, ISSN 1314-7269 , 2016, Vol. 10, 468-486., **@2016**

2016

365. Kenn, M., Ribarics, R., **Ilieva, N.**, Cibena, M., Karch, R., Schreiner, W.. Spatiotemporal multistage consensus clustering in molecular dynamics studies of large proteins. Molecular BioSystems, 2016, Royal Society of Chemistry, 2016, ISSN:1742-206X, DOI:10.1039/C5MB00879D, ISI IF:2.829

Цитира се в:

723. R.L. Melvin, R.C. Godwin, J. Xiao, W.G. Thompson, K.S. Berenhaut, and F.R. Salsbury Jr. Uncovering large-scale conformational change in molecular dynamics without prior knowledge J. Chem. Theory Comput. (2016) (ISSN print: 1549-9618; ISSN online: 1549-9626 IF: 5.301 DOI: 10.1021/acs.jctc.6b00757, **@2016**
366. **Balabanov, T., Zankinski, I., Barova, M.**. Strategy for Individuals Distribution by Incident Nodes Participation in Star Topology of Distributed Evolutionary Algorithms. Cybernetics and Information Technologies, 16, 1, Institute of Information and Communication Technologies - BAS, 2016, ISSN:1311-9702, 80-88. SJR:0.17

Цитира се в:

724. Tomov, P., Monov, V., Artificial Neural Networks and Differential Evolution Used for Time Series Forecasting in Distributed Environment, Proceedings of International Conference Automatics and Informatics, Sofia, Bulgaria, ISSN 1313-1850, pp. 129-132, 2016., **@2016**
725. Keremedchiev, D., Barova, M., Tomov, P., Mobile Application as Distributed Computing System for Artificial Neural Networks Training Used in Perfect Information Games, Proceedeings of International Scientific Conference UniTech, Gabrovo, Bulgaria, ISSN 1313-230X, vol. 2, pp. 389-393, 2016., **@2016**
726. Evtimov, G., Keremedchiev, D., Barova, M., Image Vectorization and Colors Reduction with Ant Colony Optimization, Advances in Mathematics: Scientific Journal, vol.5, no.2, ISSN 1857-8365, pp. 153-160, 2016, **@2016**
367. Николова, Н., **Бойчева, С.**, Стефанова, Е., Денев, А.. Учебник за всеки -- мисията (не)възможна. Доклади на Четиридесет и петата пролетна конференция на Съюза на математиците в България, МАТЕМАТИКА И МАТЕМАТИЧЕСКО ОБРАЗОВАНИЕ, 2016, ISSN:1313-3330, 248-254

Цитира се в:

727. С1. Дзвев, В. (2016). Подобряване качеството на образование чрез използване на система за създаване на персонализирани учебни материали. В сборник трудове на IX Национална конференция „Образоването и изследванията в информационното общество“, Пловдив, 26 - 27 май 2016 г., стр. 114-123., **@2016**
368. Ruzic J., **Stoimenov N.** Advanced copper matrix composites. „Prof. Marin Drinov“ Publishing House of Bulgarian Academy of Sciences, 2016, ISBN:978-954-322-859-1, 74

Цитира се в:

728. Попов Б., Проектиране и изработване на високотемпературна пещ с графитов нагревател., International Conference Robotics, Automation and Mechatronics'16 RAM 2016, Byaga, Bulgaria, October 3-4, 2016, стр. 53-59, ISSN 1314-4634., **@2016**
369. Roeva O., **Fidanova S.**, Paprzycki M.. InterCriteria Analysis of ACO and GA Hybrid Algorithms. Studies in Computational Intelligence, 610, Springer, 2016, ISBN:978-3-319-21132-9, ISSN:1860-949X, DOI:10.1007/978-3-319-21132-9_107-126. SJR:0.235

Цитира се в:

729. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to triples. Notes on Intuitionistic Fuzzy Sets. Vol. 22, 2016, No. 5, 98-

110, @2016

730. Ilkova, T. and Petrov, M., Intercriteria analysis for evaluation of the pollution of the Struma River in the Bulgarian section, Notes on Intuitionistic Fuzzy Sets, Vol. 22(3), ISSN 1310–4926, 2016, 120 – 130., @2016
731. Petrov M., T. Ilkova, Intercriteria Decision Analysis for Choice of Growth Rate Models of Batch Cultivation by Strain Kluyveromyces Marxianus Var. Lactis Mc 5, J. of Int. Scientific Publications: Materials, Methods & Technology, ISSN 1314-7269 , 2016, Vol. 10, 468-486., @2016
370. **Karastoyanov D., Popov B.**. Innovative Technology for High Temperature Production of Materials and Alloys. Int. Conf. High Tech., Business Society 2016, 2016, ISSN:1310 3946, 16-19

Цитира се в:

732. Н. Стоименов, Н. Съботинков, Б.Соколов., Изследване износостойчивостта на лифтери с EDEM софтуер., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 70-73, ISSN 1314-4634, @2016
371. Todorov, J., Stoyanov, S., Valkanov, V., **Daskalov, B., Popchev, I.**. Learning Intelligent System for Student Assistance – LISSA. Proc. of the IEEE International Conference on Intelligent Systems, September 4-6, 2016, Sofia, Bulgaria, IEEE Xplore, 2016, ISBN:978-1-5090-1354-8, 753-757

Цитира се в:

733. Kehayova, I., P. Milanov, V. Valkanov. Analytical Level of Velspace. In: Юбилейна научна конференция с международно участие “Новата идея в образованието”, Бургаски свободен университет, фонд “Научни изследвания – Министерство на образованието и науката”, Том II, 426-432, Бургас, 2016. ISBN 978-619-7126-28-0., @2016
372. **Karastoyanov D.**, Kandeva M., Vencl A.. Advanced Tribological Coatings for Heavy-Duty Applications: Case Studies. Prof. Marin Drinov Academic Publishing House, 2016, ISBN:978-954-322-858-4, 147

Цитира се в:

734. Б. Попов., Проектиране и изработване на високотемпературна пещ с графитов нагревател., RAM 2016, , 3-4 Октомври 2016, Бяла, България.стр. 53-59, ISSN 1314-4634, @2016
373. **Kirilov, L., Guliashki, V.**, Genova, K.. Многокритериално вземане на решения в задачи за производствени разписания. Образование, Education Ltd., 2016, ISBN:978-954-552-074-7, 281

Цитира се в:

735. Tochev A., (2016), "Heuristics and Metaheuristics for Single- and Multi-objective Flexible Job Shop Scheduling Problems", In: Proceedings of the International Conference Information Technologies (InfoTech 2016), 30-th issue, (Editor Prof. Radi Romanski), ISSN: 1314-1023, 20.-21. September, 2016, Varna – St. St. Constantine and Elena resort, Bulgaria, pp. 124-133., @2016
374. **Fidanova S.**, Pop P.. An Improved Hybrid Ant-Local Search Algorithm for the Partition Graph Coloring Problem. Computational and Applied Mathematics, 293, Elsevier, 2016, ISSN:0377-0427,

DOI:10.1016/j.cam.2015.04.030, 55-61. SJR:1.104, ISI IF:1.266

Цитира се в:

736. Kureichik Jr, Vladimir, Vladimir Kureichik, and Viktoria Bova. "Placement of VLSI Fragments Based on a Multilayered Approach." Artificial Intelligence Perspectives in Intelligent Systems, Vol. 464, Springer International Publishing, 2016. 181-190., **@2016**
737. Zhou Y., Hao J.K., Duval B., Rein, Reinforcement learning based local search for grouping problems: A case study on graph coloring, Expert Systems and Applications, Vol 64, SJR 1.839, IF 2. 981, 2016, 412-422., **@2016**
738. Dhouib, S., Dhouib, S. and Chabchoub, H., 2016. Enriched artificial bee colony metaheuristic for hierarchical goal programming engineering design problems. International Journal of Metaheuristics, 5(3-4), pp.173-192., **@2016**
739. Andonovski, G., Angelov, P., Blažić, S. and Škrjanc, I., 2016. A practical implementation of Robust Evolving Cloud-based Controller with normalized data space for heat-exchanger plant. Applied Soft Computing 48, Elsevier, ISSN: 1568-4946, IF 2.857, 2016, pp. 29-38., **@2016**

375. **Liolios, K.**, Moutsopoulos, K., Tsihrintzis, V.. Modelling Alternative Feeding Techniques in HSF Constructed Wetlands. Environmental Processes, 3, 1, Springer Science + Business Media, 2016, ISSN:21987491, DOI:<http://dx.doi.org/10.1007/s40710-016-0175-x>, 47-63

Цитира се в:

740. Sylaios G., Gikas G. and Tsihrintzis V.A. (2016). Sustainable Solutions to Wastewater Management: Maximizing the Impact of Territorial Co-operation. Environmental Processes, vol. 3(1), pp. 1-3., **@2016**
376. Mihaylova, T., Gencheva, P., Boyanov, M., Yovcheva, I., Mihaylov, T., Hardalov, M., Kiprov, Y., Balchev, D., Koychev, I., Nakov, P., **Nikolova, I.**, **Angelova, G.**. SUper Team at SemEval-2016 Task 3: Building a Feature-Rich System for Community Question Answering. Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval-2016), Association for Computational Linguistics, 2016, 836-843

Цитира се в:

741. Tymoshenko, Kateryna and Bonadiman, Daniele and Moschitti, Alessandro. 2016. Learning to Rank Non-Factoid Answers: Comment Selection in Web Forums. In Proceedings of the 25th ACM International Conference on Information and Knowledge Management. CIKM '16. ISBN 978-1-4503-4073-1. Indianapolis, Indiana, USA, pp 2049-2052., **@2016**
377. **Kirilov, L.**, **Guliashki, V.**, Genova, K., **Angelova, V.**. An overview of miltiple objective job shop scheduling techniques. Jokull Journal, 66, 2, Jokull, 2016, ISSN:0449-0576, 172-206. ISI IF:0.833

Цитира се в:

742. Tochev A., (2016), "Heuristics and Metaheuristics for Single- and Multi-objective Flexible Job Shop Scheduling Problems", In: Proceedings of the International Conference Information Technologies (InfoTech 2016), 30-th issue, (Editor Prof. Radi Romanski), ISSN: 1314-1023, 20.-21. September, 2016, Varna – St. St. Constantine and Elena resort, Bulgaria, pp. 124-133., **@2016**

Под печат

378. Fidanova S., Roeva O.. InterCriteria Analysis of Ant Colony Optimzation Application to GPS Surveying Problems. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 12, приета за печат: 2016, 20-38

Цитира се в:

743. Atanassova, V., Doukovska, L., Michalikova, A. Radeva, I. (2016) Intercriteria analysis: From pairs to triples. Notes on Intuitionistic Fuzzy Sets. Vol. 22, 2016, No. 5, 98–110, @2016