E03/10.1:
Цитати на научни публикации

- **Звено: (ИИКТ) Институт по информационни и комуникационни технологии**
- **Година**: 2015 ÷ 2015

Брой цитирани публикации: 389	**Брой цитиращи източници: 792**

1984

1. **Andreev A. B.**, Lazarov R. D., Hatri M.. Superconvergence of the gradients in the finite element method for some elliptic and parabolic problems. Variational-Difference Methods in Mathematical Physics, Part II, 1984, 13 - 25

Цитира се в:

1. R Jari, L Mu , Superconvergence of H (div) finite element approximations for the Stokes problem by local L2-projection methods, Journal of Computational and Applied Mathematics, 2015, Volume 278, pp. 278–292., **@2015**

1985

2. Atanassov, K, **Atanassova, L. C.**, Sasselov, D.. A new perspective to the generalization of the Fibonacci sequence. The Fibonacci Quarterly, 23, 1, 1985, 21 - 28

Цитира се в:

2. Godase, A. D., & Dhakne, M. B. (2015). On the properties of generalized multiplicative coupled fibonacci sequence of rth order. International Journal of Advances in Applied Mathematics and Mechanics, 2(03), 252-257., **@2015**

1987

3. **Ilieva, N.**, Nguyen, S.H., Pervushin, V.. Hamiltonian formulation of gauge theories with an explicit solution of the constraint equation. Sov. J. Nucl. Phys., 45, 4, American Institute of Physics, 1987, ISSN:ISSN: 0038-5506, ISI IF:0.9

Цитира се в:

3. Kh. Ablakulov, Z. Narzikulov, Mass spectrum of vector mesons and their leptonic-decay constants in the bilocal relativistic potential model Physics of Atomic Nuclei (January 2015) 78/1 105–117 (originally in Russian); doi: 10.1134/S1063778814120023 Print ISSN 1063-7788; Online ISSN 1562-692X, **@2015**

1989

4. **Andreev, R.D.**. Algorithm for Clpping 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:

4. 1. Wu Qiang,Li Xueyuan. Remote sensing dynamic monitoring of mining geo-environment based on computational geometry and information, Journal of China Coal Society, 40(1), 160-166, 2015 doi:10. 13225/ j. cnki. jccs. 2014. 0123, ISSN 0253-9993, **@2015**

1992

5. **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:

5. Lee, Changwoo. "Novel approach to predict the varying thicknesses of a PVA film during a roll-to-roll process." International Journal of Mechanical Sciences 92 (2015): 52-69., **@2015**

6. Pieper, Konstantin. Finite element discretization and efficient numerical solution of elliptic and parabolic sparse control problems. Diss. PhD Dissertation, Technische Universität München, 2015., **@2015**

1993

6. **Ангелова, В.**. Пертурбационен анализ на линейни многомерни системи за управление. , Институт по информатика - БАН, 1993, 224

Цитира се в:

7. Konstantinov M., P. Petkov, Perturbation analysis of matrix equations and decompositions, In: Numerical Algebra, Matrix Theory, Differential-algebraic Equations and Control Theory, Peter Benner, Mattias Bollhofer, Daniel Kressner, Christian Mehl, Tatjana Stykel Editors, Springer Verlag, 2015, Chapter 7, ISBN 978-3-319-15259-2, DOI 10.1007/978-3-319-15260-8, pp. 161-197., **@2015**

7. Shapiro, V., **Gluhchev, G.**, **Sgurev, V.**. Handwritten document image segmentation and analysis. Journal of Pattern Recognition Letters, 14, 1, 1993, DOI:10.1016/0167-8655(93)90134-Y, 71 - 78. SJR:0.995, ISI IF:1.062

Цитира се в:

- **Звено: (ИИКТ) Институт по информационни и комуникационни технологии**
- **Година**: 2015 ÷ 2015

Брой цитирани публикации: 394	**Брой цитиращи източници: 796**

1984

1. **Andreev A. B.**, Lazarov R. D., Hatri M.. Superconvergence of the gradients in the finite element method for some elliptic and parabolic problems. Variational-Difference Methods in Mathematical Physics, Part II, 1984, 13 - 25

   Цитира се в:

   1. R Jari, L Mu , Superconvergence of H (div) finite element approximations for the Stokes problem by local L2-projection methods, Journal of Computational and Applied Mathematics, 2015, Volume 278, pp. 278–292., **@2015**

1985

2. Atanassov, K, **Atanassova, L. C.**, Sasselov, D.. A new perspective to the generalization of the Fibonacci sequence. The Fibonacci Quarterly, 23, 1, 1985, 21 - 28

   Цитира се в:

   2. Godase, A. D., & Dhakne, M. B. (2015). On the properties of generalized multiplicative coupled fibonacci sequence of rth order. International Journal of Advances in Applied Mathematics and Mechanics, 2(03), 252-257., **@2015**

1987

3. **Ilieva, N.**, Nguyen, S.H., Pervushin, V.. Hamiltonian formulation of gauge theories with an explicit solution of the constraint equation. Sov. J. Nucl. Phys., 45, 4, American Institute of Physics, 1987, ISSN:ISSN: 0038-5506, ISI IF:0.9

   Цитира се в:

   3. Kh. Ablakulov, Z. Narzikulov, Mass spectrum of vector mesons and their leptonic-decay constants in the bilocal relativistic potential model Physics of Atomic Nuclei (January 2015) 78/1 105–117 (originally in Russian); doi: 10.1134/S1063778814120023 Print ISSN 1063-7788; Online ISSN 1562-692X, **@2015**

1989

4. **Andreev, R.D.**. Algorithm for Clpping 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:

4. 1. Wu Qiang,Li Xueyuan. Remote sensing dynamic monitoring of mining geo-environment based on computational geometry and information, Journal of China Coal Society, 40(1), 160-166, 2015 doi:10. 13225/ j. cnki. jccs. 2014. 0123, ISSN 0253-9993, **@2015**

1992

5. 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:

5. Lee, Changwoo. "Novel approach to predict the varying thicknesses of a PVA film during a roll-to-roll process." International Journal of Mechanical Sciences 92 (2015): 52-69., **@2015**

6. Pieper, Konstantin. Finite element discretization and efficient numerical solution of elliptic and parabolic sparse control problems. Diss. PhD Dissertation, Technische Universität München, 2015., **@2015**

1993

6. Ангелова, В.. Пертурбационен анализ на линейни многомерни системи за управление. , Институт по информатика - БАН, 1993, 224

Цитира се в:

7. Konstantinov M., P. Petkov, Perturbation analysis of matrix equations and decompositions, In: Numerical Algebra, Matrix Theory, Differential-algebraic Equations and Control Theory, Peter Benner, Mattias Bollhofer, Daniel Kressner, Christian Mehl, Tatjana Stykel Editors, Springer Verlag, 2015, Chapter 7, ISBN 978-3-319-15259-2, DOI 10.1007/978-3-319-15260-8, pp. 161-197., **@2015**

7. Shapiro, V., **Gluhchev, G.**, **Sgurev, V.**. Handwritten document image segmentation and analysis. Journal of Pattern Recognition Letters, 14, 1, 1993, DOI:10.1016/0167-8655(93)90134-Y, 71 - 78. SJR:0.995, ISI IF:1.062

Цитира се в:

8. Pintus, R., Y. Yang, H. Rushmeier: Athena: Automatic text height extraction for the analysis of text lines in old handwritten manuscripts, Journal on Computing and Cultural Heritage (JOCCH) - Special Issue, Volume 8, Issue 1, February 2015, Article No. 1, ACM 1556-4673/2015/02-ART1, New York, NY, USA, DOI 10.1145/2659020, ISSN:1556-4673 EISSN:1556-4711, **@2015**

8. Peneva, V., **Popchev, I.**. An algorithm for comparison of fuzzy sets. , 60, 1, Elsevier, 1993,

ISSN:0165-0114, 59 - 65

Цитира се в:

9. Atanassov, K., Szmidt, E., Kacprzyk, J., & Atanassova, V. (2015). INTUITIONISTIC FUZZY APPROACH TO THE PREFERENCE DEGREE ESTIMATIONS. COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, 68(1), 25-32., **@2015**

9. 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:

10. Tian, Y., Yan, Z. Z., & Hong, Z. M. (2015). A new method for solving a class of heat conduction equations. Thermal Science, 19(4), 1205-1210., **@2015**

1994

10. Nicholls, D.J., **Tagarev, T.**. What Does Chaos Theory Mean for Warfare?. Airpower Journal, 8, 3, Air University Press, 1994, ISSN:0897-0823, 48 - 57

Цитира се в:

11. Nathan O. Schmidt, Reza Katebi, and Christian Corda, "Launching the Chaotic Realm of Iso-fractals: A Short Remark," in AIP Conference Proceedings, ed. Simos T.E.,Tsitouras C., vol. 1648 (10 March 2015), Article number 510017, ISSN: 0094243X, ISBN: 978-073541287-3, DOI: 10.1063/1.4912722, **@2015**

11. Kutiev, I., Stankov, S., **Marinov, P.**. Analytical expression of O+H+ ion transition surface for use in IRI. Advances in Space Research, 14, 12, 1994, ISSN:0273-1177, DOI:DOI: 10.1016/0273-1177(94)90254-21994, 135 - 138. ISI IF:1.183

Цитира се в:

12. Tulasi Ram, S., Heelis, R., Gowtam, V.S., Ajith, K.K., Su, S.-Y. Unique latitudinal shape of ion upper transition height (HT) surface during deep solar minimum (2008-2009) (2015) Journal of Geophysical Research A: Space Physics, 120 (2), pp. 1419-1427., **@2015**

12. Georgiev, A., Baltov, A., **Margenov, S.**. HIPERGEOS benchmark problems related to bridge engineering applications. Project Report COP-94-0820-MOST, 1994

Цитира се в:

13. Y. Vutov, Parallel Iterative Methods for Nonconforming Finite Elements, Abstracts of Dissertations, Institute of Information and Communication Technologies, BAS, 3 (2015), 1-15, e-ISSN: 1314-6351., **@2015**

14. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

1995

13. **Agre, G.**. KBS Maintenance as Learning Two-Tiered Domain Representation. Lecture Notes in Artificial Intelligence, 1010, Springer, 1995, ISSN:0302-9743, 109 - 120. SJR:0.15

Цитира се в:

15. Jim Prentzas,Ioannis Hatzilygeroudis. Assessment of life insurance applications: an approach integrating neuro-symbolic rule-based with case-based reasoning. Expert System, Article first published online: 16 NOV 2015, DOI: 10.1111/exsy.12137 (IF = 0.761), **@2015**

14. **Atanassova, L. C.**. Remark on the cardinality of the intuitionistic fuzzy sets. Fuzzy Sets and Systems, 75, 3, Elsevier, 1995, 399 - 400. ISI IF:1.986

Цитира се в:

16. Ejegwa, P. A. (2015). A NOTE ON SOME MODELS OF INTUITIONISTIC FUZZY SETS IN REAL LIFE SITUATIONS. Journal of Global Research in Mathematical Archives (JGRMA) ISSN 2320-5822, 2(5), 42-50., **@2015**

15. Gray, A., **Tagarev, T.**. A Transformational Model for Transcultural Leadership. Diversity in Organizational Transformation, University of Minnesota, 1995, 17 - 44

Цитира се в:

17. Zlatko Kuzmanov, "Challenges Facing the Education and Training System in the Defence," Security Dilaogues 6, no. 1 (2015): 31-42, ISSN 1857-7172, e-ISSN 1857-8055, **@2015**

1996

16. Luchka, K., Chen, D., Shalev, S., **Gluhchev, G.**, Rajapakshe, R.. Assessing radiation and light field congruence with a video based electronic portal imaging device. The International Journal of Medical Physics Research and Practice, 23, 7, 1996, ISSN:0094-2405, DOI:10.1118/1.597867, 1245 - 1252

Цитира се в:

18. Kim, J.Y., E.T. Park, Y.S. Choi, H.L. Cho, K.J. Ahn, S.K. Park, J.N. Kim., T.S. Suh, J.S. Kim,…: Verification of light & radiation field coincidence quality assurance for radiation therapy by using a-Se based DR system, Journal of the Korean Physical Society April 2015, Volume 66, Issue 8, pp 1303-1307, Impact Factor 0.418, Articles 3,027, DOI 10.3938/jkps.66.1303, ISSN: 0374-4884 (print), 1976-8524 (Online), **@2015**

1997

17. Petrova, M., **Koprinkova, P.**, Patarinska, T.. Neural network modelling of fermentation processes. Microorganisms cultivation model. Bioprocess Engineering, 16, 3, Springer, 1997, ISSN:0178515X, DOI:10.1007/s004490050301, 145 - 149. SJR:0.633, ISI IF:1.997

Цитира се в:

19. Guarnaccia, C. Quartieri, J., Tepedino, C., Iliev, S., Popova, S., Neural Network and Time Series Analysis Approaches in Predicting Electricity Consumption of Public Transportation Vehicles, WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, Vol.11, 2015, pp.312-324; E-ISSN: 2224-3496; SJR 2014: 0.328, **@2015**

20. Galanakis, C.M., Patsioura, A., Gekas, V., Enzyme Kinetics Modeling as a Tool to Optimize Food Industry: A Pragmatic Approach Based on Amylolytic Enzymes, Critical Reviews in Food Science and Nutrition, vol.55 (12), 2015, pp.1758-1770; ISSN: 10408398; DOI: 10.1080/10408398.2012.725112; SJR 2014: 1.819, **@2015**

21. Guarnaccia, C. Quartieri, J., Tepedino, C., Iliev, S., Popova, S., Public Transportation Energy Consumption Prediction by means of Neural Network and Time Series Analysis Approaches, Recent Researches in Mechanical and Transportation Systems, ICTA'2015, Salerno, Italy, 2015, pp.64-70; ISBN: 978-1-61804-316-0, **@2015**

18. **Lirkov I**, **Margenov S**, Zikatanov L. Circulant block-factorization preconditioning of anisotropic elliptic problems. Computing, 58, 3, Springer-Verlag, 1997, ISSN:0010-485X, DOI:10.1007/BF02684392, 245 - 258. ISI IF:0.527

Цитира се в:

22. S. Friedhoff and S. Maclachlan. A generalized predictive analysis tool for multigrid methods. Numerical Linear Algebra with Applications, 22(4):618-647, 2015. , **@2015**

1998

19. Peneva, V., **Popchev, I.**. Fuzzy ordering on the basis of multicriteria aggregation. Cybernetics & Systems, 29, 6, 1998, ISSN:0196-9722, DOI:10.1080/019697298125542, 613 - 623. ISI IF:0.378

Цитира се в:

23. Atanassov, K., Szmidt, E., Kacprzyk, J., & Atanassova, V. INTUITIONISTIC FUZZY APPROACH TO THE PREFERENCE DEGREE ESTIMATIONS. COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, 68(1), 25-32., **@2015**

20. **Karaivanova, A.**, **Dimov, I. T.**. Error analysis of an adaptive Monte Carlo method for numerical integration. Mathematics and Computers in Simulation, 47, 2-5, Elsevier, 1998, ISSN:0378-4754, DOI:10.1016/S0378-4754(98)00103-7, 201 - 213. ISI IF:0.949

Цитира се в:

24. Perkó, Z. (2015). Sensitivity and Uncertainty Analysis of Coupled Reactor Physics Problems: Method Development for Multi-Physics in Reactors (Doctoral dissertation, TU Delft, Delft University of Technology)., **@2015**

21. **Alexiev, K**, Semerjiev, E, Bojilov, L. Multiple Sensor Data Association Algorithm Using Hough Transform for Track Initiation. Proc. of the International Conf. On Multisource - Multisensor Information Fusion, 2, 1998, 980 - 985

Цитира се в:

25. Коновалов А А, Обнаружение траектории в многопозиционном радиолокационном комплексе с асинхронным объединением отметок, Диссертация на соискание ученой степени кандидата технических наук, кафедра Радиотехнических систем, Санкт-Петербургского государственного электротехнического университета "ЛЭТИ" им. В.И.Ульянова (Ленин), Санкт-Петербург, Россия, 2015., **@2015**

22. **S t o i l o v a 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, 399 - 417

Цитира се в:

26. Sana'a Odat. Noise Pollution in Irbid City — Jordan. Journal Fluctuation and Noise Letters, Print ISSN: 0219-4775, Online ISSN: 1793-6780, DOI: 10.1142/S0219477515500376 Volume 14, Issue 04, December 2015, **@2015**

27. Ivanov V. Using a PicoBlaze Processor to Traffic Light Control . CIT, vol.15, No5, 2015, pp 131-139. Print ISSN: 1311-9702; Online ISSN: 1314-4081 DOI: 10.1515/cait-2015-0023, **@2015**

28. Çoban NA , Gedik K. A case study on public noise annoyance in relation to research trends on noise pollution. Euro Noise 2015, 31 May – 3 June Maastricht, ISSN 2226 – 5147, pp 1621 – 1626, **@2015**

23. **Koprinkova, P.**, Petrova, M., Patarinska, T., Bliznakova, M.. Neural network modeling of fermentation processes: Specific kinetic rate models. Cybernetics and Systems, 29, 3, Taylor & Francis, 1998, ISSN:01969722, DOI:10.1080/019697298125731, 303 - 317. SJR:0.602, ISI IF:0.84

Цитира се в:

29. Guarnaccia, C. Quartieri, J., Tepedino, C., Iliev, S., Popova, S., Public Transportation Energy Consumption Prediction by means of Neural Network and Time Series Analysis Approaches, Recent Researches in Mechanical and Transportation Systems, ICTA'2015, Salerno, Italy, 2015, pp.64-70; ISBN: 978-1-61804-316-0, **@2015**

30. Guarnaccia, C. Quartieri, J., Tepedino, C., Iliev, S., Popova, S., Neural Network and Time Series Analysis Approaches in Predicting Electricity Consumption of Public Transportation Vehicles, WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, Vol.11, 2015, pp.312-324; E-ISSN: 2224-3496; SJR 2014: 0.328, **@2015**

24. Peneva, V., **Popchev, I.**. Comparison of clusters from fuzzy numbers. Fuzzy Sets and Systems, 97, 1, Elsevier, 1998, ISSN:0165-0114, 75 - 81. ISI IF:0.331

Цитира се в:

31. Mwaikambo, Eric, Abbas Rajabifard, and Martin Hagai. "Modelling cost estimation for accessing spatial data using fuzzy logic and time-driven activity based costing in the context of an NSDI." Journal of Spatial Science 60.1 (2015): 137-151., **@2015**

32. Božanić, Darko, Dragan Pamučar, and Dragan Bojanić. "Modification of the analytic hierarchy process (AHP) method using fuzzy logic: Fuzzy AHP approach as a support to the decision making process concerning engagement of the group for additional hindering." Serbian Journal of Management 10.2 (2015). doi:10.5937/sjm10-7223, **@2015**

25. **Dimov, I.**, **Gurov, T.V.**. Estimates of the computational complexity of iterative Monte Carlo algorithm based on Green's function approach. Mathematics and Computers in Simulation, 47, 2-5, Elsevier, 1998, ISSN:0378-4754, DOI:10.1016/S0378-4754(98)00102-5, 183 - 199. ISI IF:0.949

Цитира се в:

33. George Sarailidis and Manolis Vavalis, On the Stochastic/Deterministic Numerical Solution of Composite Deterministic Elliptic PDE Problems, INTERNATIONAL JOURNAL OF MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES, ISSN: 1998-0140, Volume 9, 2015, pp. 740-747, SJR 0.306, **@2015**

26. Petrova, M., **Koprinkova, P.**, Patarinska, T., Bliznakova, M.. Neural network modelling of fermentation processes: Specific growth rate model. Bioprocess Engineering, 18, 4, Springer, 1998, ISSN:0178515X, DOI:10.1007/s004490050442, 281 - 287. SJR:0.633, ISI IF:1.997

Цитира се в:

34. Guarnaccia, C. Quartieri, J., Tepedino, C., Iliev, S., Popova, S., Neural Network and Time Series Analysis Approaches in Predicting Electricity Consumption of Public Transportation Vehicles, WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, Vol.11, 2015, pp.312-324; E-ISSN: 2224-3496; SJR 2014: 0.328, **@2015**

35. Gu, B., Pan, F., A soft sensor modelling of biomass concentration during fermentation using accurate incremental online ν-support vector regression learning algorithm, American Journal of Biochemistry and Biotechnology, vol.11 (3), 2015, pp.149-159; ISSN: 15533468; ISSN: 15533468; DOI: 10.3844/ajbbsp.2015.149.159; SJR 2014: 0.322, **@2015**

36. Guarnaccia, C. Quartieri, J., Tepedino, C., Iliev, S., Popova, S., Public Transportation Energy Consumption Prediction by means of Neural Network and Time Series Analysis Approaches, Recent Researches in Mechanical and Transportation Systems, ICTA'2015, Salerno, Italy, 2015, pp.64-70; ISBN: 978-1-61804-316-0, **@2015**

27. **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:

37. Yi TIAN, Zai-Zai YAN and Zhi-Min HONG, A New Method for Solving a Class of Heat Conduction Equations, Open Access Journal THERMAL SCIENCE, Year 2015, Vol. 19, No. 4, pp. 1205-1210, ISSN: 0354-9836, eISSN: 2334-7163, DOI: 10.2298/TSCI1504205T, IF 1.222 (2014), **@2015**

38. Rahman Farnoosh, Mahboubeh Aalaei, Morteza Ebrahimi, Combined probabilistic algorithm for solving high dimensional problems, Stochastics An International Journal of Probability and Stochastic Processes, 2015; Vol. 87 (1), pp. 30-47, DOI: 10.1080/17442508.2014.914515 , IF: 0.515, **@2015**

28. **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:

39. Weng, P. C. Y., & Phoa, F. K. H. (2015). Small-sample statistical condition estimation of large-scale generalized eigenvalue problems. Journal of Computational and Applied Mathematics, Vol. 298, ISSN 0377-0427, IF 1.266, SJR 1.104, **@2015**

1999

29. **Tagarev, T.**, Ivanova, P.. Computational Intelligence in Multisource Data and Information Fusion. Information & Security: An International Journal, 2, Procon, 1999, ISSN:0861-5160, DOI:10.11610/isij.0203, 33 - 49

Цитира се в:

40. Francesco Cappello, Subramanian Ramasamy, and Roberto Sabatini, "Multi-Sensor Data Fusion Techniques for RPAS Detect, Track and Avoid," SAE Technical Paper 2015-01-2475 (SAE International, 2015), DOI:10.4271/2015-01-2475, **@2015**

30. Faure C., Dutto P., **Fidanova S.**. Odysee and parallelism : Extention and Validation,. European Conf. on Numerical mathematics and Advanced Applications, World Sciantific, 1999, 478 - 485

Цитира се в:

41. Towara M., Schanen M., Naumann U., MPI-parallel discrete adjoint OpenFOAM, Pocedia Computer Science Vol. 51(1), ISSN 1877-0509, Elsevier, 2015, pp. 19-28, **@2015**

31. Paggio, R., **Agre, G.**, Dichev, Ch., Umann, G., Rozman, T., Batachia, L., Stocchero, M.. A Cost-Effective Programmable Environment for Developing Environmental Decision Support Systems. Environmental Modelling & Software, 14, 1999, ISSN:1364-8152, 367 - 382. ISI IF:0.349

Цитира се в:

42. Chan-Joong Kim, Jimin Kim, Taehoon Hong, Choongwan Koo, Kwangbok Jeong, Hyo Seon Park. A program-level management system for the life cycle environmental and economic assessment of complex building projects. Environmental Impact Assessment Review 54, 2015, 9-21, doi:10.1016/j.eiar.2015.04.005, **@2015**

43. Gu Qing Bao, et al. The concept of green and sustainable restoration of contaminated sites, engineering practice and enlightenment to China. Journal of Environmental Engineering Vol.9, № 8, 2015, 4061-4068 ISSN 1673-9108 (in Chinese), **@2015**

32. **Lirkov I**, **Margenov S**. MPI parallel implementation of CBF preconditioning for 3D elasticity problems. Mathematics and computers in simulation, 50, 1-4, Elsevier, 1999, ISSN:0378-4754, DOI:10.1016/S0378-4754(99)00084-1, 247 - 254. SJR:0.579, ISI IF:0.949

Цитира се в:

44. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

33. 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:

45. Ангелов, П.П. "Динамично, в реално време, самоизграждащи се много-моделни нелинейни, нестационарни системи", Дисертационен труд за присъждане на научната степен "доктор на науките", ИБФБМИ,, **@2015**

34. Ilieva, N., Thirring, W.. Do anyons solve Heisenberg's Urgleichung in one dimension. Eur. Phys. J. C, 6, 4, Springer, 1999, ISI IF:5.084

Цитира се в:

46. O.I. Patu, Correlation functions and momentum distribution of one-dimensional hard-core anyons in optical lattices J. Stat. Mech. (2015) P01004, **@2015**

35. Ilieva, N., Thirring, W.. Anyons and the Bose-Fermi duality in the finite-temperature Thirring model. Theor. Math. Phys., 121, 1, PAH, 1999, 1294 - 1314. ISI IF:0.773

Цитира се в:

47. O.I. Patu, Correlation functions and momentum distribution of one-dimensional hard-core anyons in optical lattices J. Stat. Mech. (2015) P01004, **@2015**

2000

36. Kruijff, G.-J, Teich, E., Bateman, J., Kruijff-Korbayova, I., Skoumalova, H., Sharoff, S., Sokolova, E., Hartley, T., **Staykova, K.**, Hana, J.. Multilinguality in a text generation system for three Slavic languages. Proceedings COLING2000, 2000

Цитира се в:

48. R. Miyata , A. Hartley, K. Kageura, C. Paris: " 'Garbage Let's Take Away': Producing Understandable and Translatable Government Documents: A Case Study from Japan", Chapter "Social Media for Government Services", Editors: S. Nepal, C. Paris, D. Georgakopoulos, Springer, 367-393, 2015., **@2015**

49. Cristian Narváez A. ; Sebastián Sastoque H. and Marcela Iregui G. "Spanish language generation engine to enhance the syntactic quality of AAC systems", Proc. SPIE 9681, 11th International Symposium on Medical Information Processing and Analysis, 96810S Dec. 2015., **@2015**

37. Margenov, S.. Displacement doecomposition-MIC(0) preconditioning of linear elasticity non-conforming FEM problems. 16th IMACS World Congress, IMACS, 2000

Цитира се в:

50. Y. Vutov, Parallel Iterative Methods for Nonconforming Finite Elements, Abstracts of Dissertations, Institute of Information and Communication Technologies, BAS, 3 (2015), 1-15, e-ISSN: 1314-6351., **@2015**

51. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

38. Alexiev K.. Implementation of Hough Transform as Track Detector. Proc. of the International Conf. On Multisource - Multisensor Information Fusion, FUSION'2000, -., 2, 2000, ThC4-11 - ThC4-16

Цитира се в:

52. Allam Shehata Hassanein , Sherien Mohammad, Mohamed Sameer, and Mohammad Ehab Ragab, A Survey on Hough Transform, Theory, Techniques and Applications, IJCSI International Journal of Computer Science Issues, Volume 12, Issue 1, №2, January 2015, pp. 139-156, ISSN (Print): 1694-0814| ISSN (Online): 1694-0784, www.IJCSI.org, **@2015**

53. Zheng Jian a, Chen Yuhan, The Dynamic Programming TBD Algorithm Based On Morphological Characteristic, International Conference on Materials Engineering and Information Technology Applications 2015 (MEITA 2015), Advances in Engineering Research, Volume 28, Part I, pp. 260-264, Guilin, China, 30-31 August 2015, ISBN: 978-1-5108-1205-5, Atlantis Press., **@2015**

39. Kosina H., **Nedjalkov M.**, Selberherr, S. "Theory of the Monte Carlo Method for Semiconductor Device Simulation. IEEE Transactions on Electron Devices, 2000, DOI:doi:10.1109/16.870569., ISI IF:2.47

Цитира се в:

54. Chaudhuri, Sourindra Mohan. Efficient device simulation and power optimization techniques for novel finfet circuit design. Diss. PRINCETON UNIVERSITY, 2015., **@2015**

55. Илларионов, Юрий Юрьевич. "ТУННЕЛЬНЫЙ ТРАНСПОРТ НОСИТЕЛЕЙ И СВЯЗАННЫЕ С НИМ ФИЗИЧЕСКИЕ ЯВЛЕНИЯ В СТРУКТУРАХ ЗОЛОТО–ФТОРИД КАЛЬЦИЯ–КРЕМНИЙ (111)."диссертация ... кандидата физико-математических наук: 01.04.10, Физико-технический институт им. А.Ф. Иоффе]- Санкт-Петербург., **@2015**

40. 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

Цитира се в:

56. Software - Practice and Experience Volume 45, Issue 6, 1 June 2015, Pages 783-799 Fast construction of space-optimized recursive automaton (Article) Ristov, S. , Korenčic, D., **@2015**

57. Jisuanji Yanjiu yu Fazhan/Computer Research and Development Volume 52, Issue 3, 1 March 2015, Pages 553-560 TML: a general high-performance text mining language (Article) Li, J.ab , Li, X.c , Meng, T.b, **@2015**

58. Communications in Computer and Information Science Volume 542, 2015, Pages 330-342 4th International Conference on Analysis of Images, Social Networks and Texts, AIST 2015; Yekaterinburg; Russian Federation; 9 April 2015 through 11 April 2015; Code 158559 Morphological analyzer and generator for Russian and Ukrainian languages (Conference

Paper) Korobov, M., **@2015**

59. Lamperti, Gianfranco, Scandale, Michele, Zanella, Marina Determinization and minimization of finite acyclic automata by incremental techniques Software: Practice and Experience 1097-024X 10.1002/spe.2309, **@2015**

60. Shuhei Denzumi Studies on Decision Diagrams for Efficient Manipulation of Sets and Strings theses (doctoral) Graduate School of Information Science and Technology Hokkaido University, **@2015**

61. Ngoc Anh Tran ; Dept. Inf. Technol., Le Quy Don Tech. Univ., Hanoi, Vietnam ; Phuong Thai Nguyen ; Thanh Tinh Dao ; Hong Quan Nguyen Identifying reduplicative words for Vietnamese word segmentation Published in: Computing & Communication Technologies - Research, Innovation, and Vision for the Future (RIVF), 2015 IEEE RIVF International Conference on Date of Conference: 25-28 Jan. 2015 Page(s): 77 - 82 Print ISBN: 978-1-4799-8043-7 DOI: 10.1109/RIVF.2015.7049878, **@2015**

41. **Atanasova, T.**, Nern, H.-J., Hamalainen M., Eldin, H.N.. Distributed heterogeneous knowledge data base for control system design: Multiagent development and support. Proceedings of the IEEE International Symposium on Intelligent Control 2000., 2000, ISBN:0-7803-6491-0, DOI:10.1109/ISIC.2000.882951, 363 - 368

Цитира се в:

62. Monticolo, D., M. A. Simona, H. Darwich, V. Hilaire, An Agent Based System to build project memories during engineering projects, Knowledge-Based Systems (Impact Factor: 3.06). 01/2015; DOI: 10.1016/j.knosys.2013.12.022, **@2015**

42. H. Daskalova, **Kolchakov K.**. Some investigations for optimizations of information interchange. , Vol.1, 2000, 206 - 210

Цитира се в:

63. Татяна Атанасова, Янко Атанасов, "Анализ и оптимизация на бизнес процеси за производствен мениджмънт". Proc. of the Int. Conference „Telecommunications, Informatics, Energy and Management TIEM`15", Битоля, Република Македония, 16 Октомври 2015 г., Годишник на Висше училище по телекомуникации и пощи том II, pp. 126-130, ISSN 2367-8437, **@2015**

2001

43. **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:

64. Farnoosh, R. and Aalaei, M. and Ebrahimi, M., Combined probabilistic algorithm for solving high dimensional problems, Stochastics, 2015, 87 (1), pp. 30-47, ISSN: 1744-2508, DOI: 10.1080/17442508.2014.914515, IF: 0.515, **@2015**

65. Farnoosh, R. and Aalaei, M., New adaptive Monte Carlo algorithm for parallel solution of

large linear systems with applications, Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science, 2015, 16 (1), pp. 11-19, ISSN: 1454-9069, IF: 1.658, **@2015**

44. **Tagarev, T.**. Prerequisites and Approaches to Force Modernization in a Transition Period. Information & Security: An International Journal, 6, Procon, 2001, ISSN:0861-5160, DOI:10.11610/isij.0603, 30 - 52

Цитира се в:

66. Deborah Sanders, "The Bulgarian Navy after the Cold War: Challenges of Building and Modernizing an Effective Navy," Naval War College Review 68, no. 2 (Spring 2015): 69-84. ISSN 0028-1484, **@2015**

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

Цитира се в:

67. LAZAROU, Despina. Ontology Based Decision Support System for Domestic Solar Hot Water System Selection. 2015, (in Web of Knowledge)., **@2015**

46. Mascagni, M., **Karaivanova, A.**, Li, Y.. A quasi-Monte Carlo method for elliptic partial differential equations. J. Monte Carlo Methods and Applications, 7, 2001, 283 - 294. SJR:0.205

Цитира се в:

68. George Sarailidis and Manolis Vavalis, On the Stochastic/Deterministic Numerical Solution of Composite Deterministic Elliptic PDE Problems, INTERNATIONAL JOURNAL OF MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES, ISSN: 1998-0140, Volume 9, 2015, pp. 740-747, SJR 0.306, **@2015**

47. **Tashev T**, Hristov H.. Modelling and synthesis of information interactions. Problems of Technical Cybernetics and Robotics, 52, Prof. Marin Drinov Academic Publishing House, 2001, ISSN:0204-9848, 75 - 80

Цитира се в:

69. Атанасова Т., Атанасов Я. Анализ и оптимизация на бизнес процеси за производствен мениджмънт. Proc. of the Int. Conference „Telecommunications, Informatics, Energy and Management TIEM`15", Битоля, Република Македония, 16 Октомври 2015 г., Годишник на Висше училище по телекомуникации и пощи том II, pp. 126-130, ISSN 2367-8437, **@2015**

48. **Andreev, R.D.**. A Linguistic Approach to User Interface Design. Interacting with Computers, 13, 5, Elsevier, Oxford Journals, 2001, ISSN:0953-5438, DOI:10.1016/S0953-5438(01)00033-9, 581 - 599. ISI IF:1.268

Цитира се в:

70. Ji, Y. Investigating a Design Pattern to Support Personalized Human Computer Interaction (Doctoral dissertation, University of Technology, Sydney, 2015, **@2015**

49. **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:

71. Ladics, T. (2015). Convergence of operator splittings for locally Lipschitz-continuous operators in Banach spaces. Computers & Mathematics with Applications., **@2015**

2002

50. 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:

72. Khameis A., Rashed S., Abou-Elhour A., Tarique M., ZigBee Optimal Scheduling System for Home Appliances in the United Emirates, J. Network Protokols and Algorithms, Vol 7(2), ISSN 1943-3581, 2015, 60 – 79., **@2015**

73. Nakbi, W., Alaya, I., & Zouari, W. (2015). A Hybrid Lagrangian Search Ant Colony Optimization Algorithm for the Multidimensional Knapsack Problem. Procedia Computer Science, 60, 1109-1119., **@2015**

51. 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:

74. DHILLON, Paramveer S.; FOSTER, Dean P.; UNGAR, Lyle H. Eigenwords: Spectral Word Embeddings. Journal of Machine Learning Research 16, 2015., **@2015**

75. KING, Benjamin Philip. Practical Natural Language Processing for Low-Resource Languages. 2015. PhD Thesis. University of Melbourne., **@2015**

76. BOONKWAN, Prachya; SUPNITHI, Thepchai. A Linguistics-Driven Approach to Statistical Parsing for Low-Resourced Languages. IEICE TRANSACTIONS on Information and Systems, 2015, 98.5: 1045-1052, (in Scopus, Web of Knowledge)., **@2015**

52. Alexiev K.. Multiple Target Tracking Using Hough Transform PMHT Algorithm. , 1, 2002, 6

Цитира се в:

77. Minjie Wan, Guohua Gu, Qian Chen, Weixian Qian, Pengcheng Wang, Fast randomized Hough transformation track initiation algorithm based on multi-scale clustering, Proc. SPIE 9675, AOPC 2015: Image Processing and Analysis, 96750S (October 8, 2015); doi:10.1117/12.2197916., **@2015**

53. Simov, K., Popova, G., **Osenova, P.**. HPSG-based syntactic treebank of Bulgarian (BulTreeBank). , 2002

Цитира се в:

78. ZAREI, F., et al. A bootstrapping method for development of Treebank. Journal of Experimental & Theoretical Artificial Intelligence, 2015, 1-24, (in Scopus)., **@2015**

79. ERYIĞIT, Gülşen. Türkçe'nin Bağlılık Ayrıştırması. 2015. PhD Thesis. Fen Bilimleri Enstitüsü., **@2015**

54. 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:

80. Witczak, M., D. Rotondo, V. Puig, P. Witczak, A practical test for assessing the reachability of discrete-time Takagi–Sugeno fuzzy systems, Journal of the Franklin Institute, 352 (2015) ISSN: 0016-0032, pp. 5936–5951., **@2015**

55. 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:

81. A Spellchecker for Dyslexia Luz Rello, Miguel Ballesteros, Jeffrey P. Bigham Published in: Proceeding ASSETS '15 Proceedings of the 17th International ACM SIGACCESS Conference on Computers & Accessibility Pages 39-47 ACM New York, NY, USA ISBN: 978-1-4503-3400-6 doi>10.1145/2700648.2809850, **@2015**

82. Detecting English-French Cognates Using Orthographic Edit Distance Qiongkai Xu, Albert Chen, Chang Li Proceedings of the Australasian Language Technology Association Workshop 2015 pages 145−149., **@2015**

83. Nondeterministic Finite Automata in Hardware - the Case of the Levenshtein Automaton Tommy Tracy II, Mircea Stan, Nathan Brunelle, Jack Wadden, Ke Wang, Kevin Skadron, Gabriel Robins Fifth Workshop on Architectures and Systems for Big Data (ASBD 2015) Held in conjunction with The 42st International Symposium on Computer Architecture (ISCA 2015) June 13, 2015 Portland, Ore, USA, **@2015**

84. Journal of Molecular and Cellular Cardiology Volume 86, September 01, 2015, Pages 54-61 Prolonged Cre expression driven by the α-myosin heavy chain promoter can be cardiotoxic (Article) Pugach, E.K.a , Richmond, P.A.a , Azofeifa, J.G.b , Dowell, R.D.a , Leinwand, L.A.a, **@2015**

85. Expert Systems with Applications Volume 42, Issue 10, 15 June 2015, Pages 4743-4754 A modular approach for lexical normalization applied to Spanish tweets (Article) Cotelo, J.M. , Cruz, F.L. , Troyano, J.A. , Ortega, F.J., **@2015**

86. Chapter Analysis of Images, Social Networks and Texts Volume 542 of the series Communications in Computer and Information Science pp 275-285 Date: 05 December 2015 Large-Scale Parallel Matching of Social Network Profiles Alexander Panchenko , Dmitry Babaev, Sergei Obiedkov, **@2015**

87. Chapter Intelligent Computing Theories and Methodologies Volume 9226 of the series Lecture Notes in Computer Science pp 237-247 Date: 11 August 2015 Correcting and Standardizing Crude Drug Names in Traditional Medicine Formulae by Ensemble of String

Matching Techniques Duangkamol Pakdeesattayapong, Verayuth Lertnattee, **@2015**

88. Generation of Data Warehouse Design Test Cases Samsuwan, P. ; Limpiyakorn, Y. Published in: IT Convergence and Security (ICITCS), 2015 5th International Conference on Date of Conference: 24-27 Aug. 2015 Page(s): 1 - 4 Conference Location : Kuala Lumpur DOI: 10.1109/ICITCS.2015.7292985, **@2015**

89. Theoretical Advances Pattern Analysis and Applications pp 1-16 First online: 07 April 2015 Arabic character recognition using a Haar cascade classifier approach (HCC) Ashraf AbdelRaouf , Colin A. Higgins, Tony Pridmore, Mahmoud I. Khalil, **@2015**

90. Chapter Population Reconstruction pp 129-154 Date: 23 July 2015 Multi-Source Entity Resolution for Genealogical Data Julia Efremova , Bijan Ranjbar-Sahraei, Hossein Rahmani, Frans A. Oliehoek, Toon Calders, Karl Tuyls, Gerhard Weiss, **@2015**

91. Chapter Intelligent Computing Theories and Methodologies Volume 9226 of the series Lecture Notes in Computer Science pp 237-247 Date: 11 August 2015 Correcting and Standardizing Crude Drug Names in Traditional Medicine Formulae by Ensemble of String Matching Techniques Duangkamol Pakdeesattayapong, Verayuth Lertnattee, **@2015**

92. МОЛОДЕЖНЫЙ НАУЧНЫЙ ФОРУМ: ТЕХНИЧЕСКИЕ И МАТЕМАТИЧЕСКИЕ НАУКИ No 5 (24) Май 2015 г. ISSN 2310-0370 РАЗРАБОТКА АЛГОРИТМА НЕТОЧНОГО ПОИСКА ЧТЕНИЙ В ГЕНОМЕ ПРИ ИСПОЛЬЗОВАНИИ ВЫЧИСЛЕНИЙ НА ВИДЕОКАРТАХ Кириллова Анастасия Анатольевна, Шалыто Анатолий Абрамович, **@2015**

56. **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

Цитира се в:

93. Wahono, Romi Satria, and Catur Supriyanto. Penanganan Fitur Kontinyu dengan Feature Discretization Berbasis Expectation Maximization Clustering untuk Klasifikasi Spam Email Menggunakan Algoritma ID3. Journal of Intelligent Systems 1.2, 2015, 148-155, ISSN 2356-3982, **@2015**

94. Tukur, Usman Muhammad, and Siti Mariyam Shamsuddin. Radial Basis Function Network Learning with Modified Backpropagation Algorithm. TELKOMNIKA Indonesian Journal of Electrical Engineering 13.2, 2015, 369-378, **@2015**

57. 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:

95. Guo, Hailong. "Recovery Techniques For Finite Element Methods And Their Applications" (2015). Wayne State University Dissertations. Paper 1313, **@2015**

96. H. Xie, A Type of Multi-level Correction Scheme for Eigenvalue Problems by Nonconforming Finite Element Methods, BIT Numerical Mathematics, 2015, pp 1-24., **@2015**

97. X. Han, Y. Li, H. Xie, A Multilevel Correction Method for Steklov Eigenvalue Problem by Nonconforming Finite Element Methods, Numerical Mathematics: Theory, Methods and

Applications / Volume 8 / Issue 03 / August 2015, pp 383-405., **@2015**

98. Qun Lin and Hehu Xie, A multi-level correction scheme for eigenvalue problems, Math. Comp. 84 (2015), 71-88., **@2015**

58. Borissova, D., Dekov, M.. Optical characteristics of night vision goggles PRILEP. Cybernetics and Information Technologies, 2, 1, 2002, ISSN:1311-9702, 110 - 115

Цитира се в:

99. Bantutov, E. Night Vision Devices? It is simple! ISBN-13: 978-3-659-63536-6, LAP LAMBERT Academic Publishing, 2015, pages: 124, **@2015**

2003

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

Цитира се в:

100. Mihaela Colhon, A Design Framework for Foreign Language Learning Applications. Romanian Conference on Human-Computer Interaction, Publication edited by RoCHI (ACM SIGCHI Romania). ISSN 2344-1690, pp 61-65, 2015, **@2015**

60. 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:

101. García Moreno, Carlos. Desarrollo de un modelo para la gestión de la I+D+i soportado por tecnologías de la web semántica. PhD thesis. University of Murcia, Spain, 2015., **@2015**

61. 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:

102. 12. M. Dryja, J. Galvis, M. Sarkis, A Deluxe FETI-DP Preconditioner for a Composite Finite Element and DG Method, Computational Methods in Applied Mathematics, Vol. 15 (4) (2015), 465-482, **@2015**

62. 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:

103. Mavrovouniotis, M., and Yang, S., Applying ant colony optimization to dynamic binary-encoded problems, EvoApplications, Lecture Notes in Computer Science 9028, 2015, pp. 845

- 856 ., **@2015**

104. Hammas, O., Ben Yahia, S., & Ben Ahmed, S., Adaptive web service composition insuring global QoS optimization. In Networks, Computers and Communications (ISNCC), 2015 International Symposium, 2015, pp.1-6., **@2015**

63. 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:

105. Zavadskas, E. K., Kaklauskas, A., & Banaitis, A. (2015). The use of the intelligent library and tutoring system at all stages of a building life cycle. Engineering Economics, 22(1)., **@2015**

106. Farnoosh, R., Aalaei, M., & Ebrahimi, M. (2015). Combined probabilistic algorithm for solving high dimensional problems. Stochastics An International Journal of Probability and Stochastic Processes, 87(1), 30-47., **@2015**

107. Farnoosh, R., & Aalaei, M. (2015). NEW ADAPTIVE MONTE CARLO ALGORITHM FOR PARALLEL SOLUTION OF LARGE LINEAR SYSTEMS WITH APPLICATIONS. PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE, 16(1), 11-19., **@2015**

64. **Angelova, V.**. Perturbation analysis for the complex linear matrix equation αX +σ AHXA=I; α;σ = +/- 1. C. R. Acad. Bulg. Sci., 56, 12, 2003, ISSN:1310-1331, 47 - 52. ISI IF:0.284

Цитира се в:

108. Konstantinov M., P. Petkov, Perturbation analysis of matrix equations and decompositions, In: Numerical Algebra, Matrix Theory, Differential-algebraic Equations and Control Theory, Peter Benner, Mattias Bollhofer, Daniel Kressner, Christian Mehl, Tatjana Stykel Editors, Springer Verlag, 2015, ISBN 978-3-319-15259-2, DOI 10.1007/978-3-319-15260-8, Chapter 7, 161-197., **@2015**

65. **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:

109. Alexandrov, V., Esquivel-Flores, O., Ivanovska, S., Karaivanova, A.. On the Preconditioned quasi-Monte Carlo Algorithm for Matrix Computations. Lecture Notes in Computer Science, 9374, Springer International Publishing, 2015, ISBN:978-3-319-26519-3, ISSN:0302-9743, DOI:10.1007/978-3-319-26520-9_17, 163 - 171. SJR:0.339, **@2015**

66. **Ouzounov A.**. An Evaluation of DTW, AA and ARVM for Fixed-Text Speaker Identification. Cybernetics and Information Technologies, 3, 1, 2003, ISSN:13119702, 13144081, 3 - 10. SJR:0.17

Цитира се в:

110. Choudhury, S. P., Misra, S., Das, T.K., Laskar, R.H., Text dependent speaker verification using Algebraic Approach (AA) method and DTW under limited data condition, International Conference on Innovations in Information, Embedded and Communication Systems

(ICIIECS), 2015, pp.1-5, pISBN: 978-1-4799-6817-6; DOI: 10.1109/ICIIECS.2015.7193198; Publisher: IEEE., **@2015**

67. **Tchamova, A.**, Semerdjiev, Tz., Dezert, J.. Estimation of Target behavior tendencies using Dezert-Smarandache theory. Proceedings of the Sixth International Conference of Information Fusion, 2003, Cairns, Queensland, Australia, (Volume:2), 2003, ISBN:0-9721844-4-9, DOI:10.1109/ICIF.2003.177394, 1349 - 1356

Цитира се в:

111. Yang, J., X. Chen, H. Jin, "Online prediction for contamination of chlortetracycline fermentation based on Dezert–Smarandache theory", Chinese Journal of Chemical Engineering, Volume 23, Issue 6, June 2015, Pages 1009–1016, **@2015**

68. **Lirkov I**. MPI solver for 3D elasticity problems. Mathematics and computers in simulation, 61, 3-6, Elsevier, 2003, ISSN:0378-4754, DOI:10.1016/S0378-4754(02)00104-0, 509 - 516. SJR:0.579, ISI IF:0.949

Цитира се в:

112. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Автореферати на дисертации на Института по информационни и комуникационни технологии при Българската академия на науките, 3 (2015) 16-52, e-ISSN: 1314-6351, **@2015**

113. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

69. R. J. Papancheva, **I. T. Dimov**, **T. V. Gurov**. A New Class of Grid-Free Monte Carlo Algorithms for Elliptic Boundary Value Problems. 5th Int. conf. on NMA, Springer Lecture Notes in Computer Science, 2542, Springer-Verlag, 2003, ISBN:978-3-540-00608-4; O, ISSN:0302-9743, DOI:10.1007/3-540-36487-0_14, 132 - 139. SJR:0.34

Цитира се в:

114. George Sarailidis and Manolis Vavalis, On the Stochastic/Deterministic Numerical Solution of Composite Deterministic Elliptic PDE Problems, INTERNATIONAL JOURNAL OF MATHEMATICAL MODELS AND METHODS IN APPLIED SCIENCES, ISSN: 1998-0140, Volume 9, 2015, pp. 740-747, SJR 0.306, **@2015**

70. Peneva, V., **Popchev, I.**. Properties of the aggregation operators related with fuzzy relations. Fuzzy sets and systems, 139, 3, Elsevier, 2003, ISSN:0165-0114, 615 - 633. ISI IF:0.577

Цитира се в:

115. Bentkowska, Urszula, and Anna Król. "Preservation of fuzzy relation properties based on fuzzy conjunctions and disjunctions during aggregation process."Fuzzy Sets and Systems (in Press Corrected Proof, Available online 4 June 2015) doi:10.1016/j.fss.2015.06.001, **@2015**

116. Król, Anna, Bentkowska, Urszula. "Aggregation of fuzzy α-C-equivalences." 16th World Congress of the International Fuzzy Systems Association (IFSA) 9th Conference of the

European Society for Fuzzy Logic and Technology (EUSFLAT), **@2015**

117. Ангелов, П.П. "Динамично, в реално време, самоизграждащи се много-моделни нелинейни, нестационарни системи", Дисертационен труд за присъждане на научната степен "доктор на науките", ИБФБМИ, **@2015**

71. Lagoudas, D., Ravi-Chandar, K., Sarh, K., **Popov, P.**. Dynamic loading of polycrystalline shape memory alloy rods. Mechanics of Materials, 35, 7, Elsevier, 2003, DOI:10.1016/S0167-6636(02)00199-0, 689 - 716. ISI IF:2.598

Цитира се в:

118. M. R. Ebrahimi, A. Moeinfar, M. Shakeri, Nonlinear Free Vibration of Hybrid Composite Moving Beams Embedded with Shape Memory Alloy Fibers, Int. J. Str. Stab. Dyn., Published: 29 June 2015, DOI: 10.1142/S0219455415500327, **@2015**

72. 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:

119. Zhang, Y., Liu, Z., Zhou, W., & Zhang, Y. (2015, November). Object Recognition Base on Deep Belief Network. In Intelligent Systems and Knowledge Engineering (ISKE), 2015 10th International Conference on (pp. 268-273). IEEE. doi: 10.1109/ISKE.2015.60. Print ISBN: 978-1-4673-9322-5, **@2015**

73. **Bencheva, G.**, **Margenov, S.**. Parallel incomplete factorization preconditioning of rotated linear FEM systems. Journal of Computational and Applied Mechanics, 4, 2, 2003, 105 - 117

Цитира се в:

120. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

121. Jianfei Zhang, A PETSc-based parallel implementation of Finite Element Method for elasticity problems, , Hindawi Publishing Corporation, Mathematical Problems in Engineering, Volume 2015 (2015), Article ID 147286, 7 pages http://dx.doi.org/10.1155/2015/147286, **@2015**

122. Y. Vutov, Parallel Iterative Methods for Nonconforming Finite Elements, Abstracts of Dissertations, Institute of Information and Communication Technologies, BAS, 3 (2015), 1-15, e-ISSN: 1314-6351., **@2015**

74. **Bencheva, G.**, **Margenov, S.**. Performance analysis of a parallel MIC(0) preconditioning of rotated bilinear nonconforming FEM systems. Mathematica Balkanica, 17, 3-4, 2003, 319 - 335

Цитира се в:

123. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна

специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

124. Y. Vutov, Parallel Iterative Methods for Nonconforming Finite Elements, Abstracts of Dissertations, Institute of Information and Communication Technologies, BAS, 3 (2015), 1-15, e-ISSN: 1314-6351., **@2015**

75. 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:

125. Shanmugavadivu, P., P. Sumathy, A. Vadivel, FOSIR: Fuzzy-Object-Shape for Image Retrieval applications, Open Access Journal of Neurocomputing, Vol. 171, 17 July 2015, pp. 719-735, DOI: DOI: 10.1016/j.neucom.2015.07.015, ISSN: 0925-2312, **@2015**

2004

76. 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:

126. AN Jing, An J. An efficient Legendre-Galerkin spectral approximation for the Steklov eigenvalue problem (in Chinese). Sci Sin Math, 2015, 45: 83–92, doi: 10.1360/012014-64, **@2015**

127. Xie, Hehu. "A type of multi-level correction scheme for eigenvalue problems by nonconforming finite element methods." BIT Numerical Mathematics (2015): 1-24., **@2015**

128. Cheng, Pan, and Wenzhong Zhang. "Five-Order Algorithms for Solving Laplace's Steklov Eigenvalue on Polygon by Mechanical Quadrature Methods." Journal of Computational Analysis & Applications 18.1 (2015), pp. 138-148., **@2015**

129. Mora, David, Gonzalo Rivera, and Rodolfo Rodríguez. "A virtual element method for the Steklov eigenvalue problem." Mathematical Models and Methods in Applied Sciences 25.08 (2015): 1421-1445., **@2015**

77. Dimov, I. T., **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:2.321

Цитира се в:

130. Harb, M. K., Ebqa'ai, M., Al-rashidi, A., Alaziqi, B. H., Al Rashdi, M. S., & Ibrahim, B. (2015) Investigation of selected heavy metals in street and house dust from Al-Qunfudah, Kingdom of Saudi Arabia. Environmental Earth Sciences, Volume 74, Issue 2, pp. 1755-1763, Springer, ISSN 1866-6280. DOI: 10.1007/s12665-015-4184-2, **@2015**

131. Krapivin, V. F., Varotsos, C. A., & Soldatov, V. Y. (2015) New Ecoinformatics Tools in Environmental Science, Springer, ISBN: 978-3-319-13977-7, **@2015**

78. 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:

132. Palai C., P. K. Jena, Automatic vehicle identification: LPR with enhanced noise removal technique, Journal of Smart Innovation, Systems and Technologies, Vol. 31, pp. 143-153, 2015, DOI: 10.1007/978-81-322-2205-7_14, ISSN: 21903018 ISBN: 978-813222204-0, **@2015**

133. Zhu A., G. Wang, Y. Dong, Robust text segmentation in low quality images via adaptive stroke width estimation and stroke based superpixel grouping, In Proc. of 12th Asian Conference on Computer Vision (ACCV), Lecture Notes in Computer Science, Vol. 9009, pp. 119-133, 2015, DOI: 10.1007/978-3-319-16631-5_9, ISSN: 03029743, ISBN: 978-331916630-8,, **@2015**

134. Badma, N.M., A.S. Sankar, Localisation and recognition of license plate symbols, International Journal of Applied Engineering Research, Vol. 10, Issue 55, pp. 2830-2834, 2015, ISSN: 09734562, **@2015**

135. Puloria, K., S. Mahajan, A Review on Automatic Number Plate Recognition System, Int. Journal of Software & Hardware Research in Engineering, Vol. 3, Issue 1, pp.1-6, January 2015, ISSN: 2347-4890, **@2015**

136. Priorov, A., K. Tumanov, V. Volokhov, Efficient Denoising Algorithms for Intelligent Recognition Systems, In: Favorskaya, M. N., L.C. Jain (Eds.) Computer Vision in Control Systems-2, Intelligent Systems Reference Library, Vol. 75, pp. 251-276, DOI: 10.1007/978-3-319-11430-9_10, Print ISBN: 978-3-319-11429-3, Springer International Publishing, **@2015**

79. **Angelova, G**, Kalaydjiev, O., Strupchanska, A. Domain Ontology as a Resource Providing Adaptivity in eLearning. Proceedings On The Move (OTM) 2004 Confederated Conference and Workshops, Workshop on Semantics, Ontologies and eLearning (WOSE-04), Lecture Notes in Computer Science, 3292, Springer, 2004, ISBN:978-3-540-23664-1, DOI:10.1007/978-3-540-30470-8_81, 700 - 712. ISI IF:0.513

Цитира се в:

137. Zafar, A. and I. Albidewi. Evaluation study of eLGuide: A framework for adaptive e-learning. Computer Applications in Engineering Education, 23(4), pages 542–555, July 2015, Wiley Online Library, DOI: 10.1002/cae.21625, **@2015**

80. Nakov, P, Bonev, Y, **Angelova, G**, Gius, E, von Hahn, W. Guessing morphological classes of unknown German nouns. Recent Advances in Natural Language Processing III: Selected papers from RANLP 2003, in Current Issues of Linguistic Theory series, 260, John Benjamins Publishing, 2004, ISSN:0304-0763, 347 - 356

Цитира се в:

138. Novák, A. Making Morphologies the “Easy” Way. Computational Linguistics and Intelligent Text Processing, Springer, Lecture Notes in Computer Science Vol. 9041, 127-138, **@2015**

81. **Alexiev K.**, Georgieva O.. Extended Fuzzy Clustering for Identification of Takagi-Sugeno Model.

Proceedings of Second IEEE Intern. Conf. on Intelligent Systems, 1, IEEE, 2004, ISBN:0-7803-8278-1, DOI:10.1109/IS.2004.1344669, 213 - 218

Цитира се в:

139. P Witczak, K Patan, M Witczak, V Puig, J Korbicz, A neural network-based robust unknown input observer design: Application to wind turbine, IFAC-PapersOnLine 48 (21), pp. 263-27, Elsevier, 2015., **@2015**

82. 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:

140. Kamath C., Entropy Measures of Irregularity and Complexity for Surface Electrocardiogram Time Series in Patients with Congestive Heart Failure, Journal of Advances in Computer Research,vol.6,No.4, 2015, pp.1-11; eISSN: 2345-6078, pISSN:2345-606x., **@2015**

83. Dimov, I., **Georgiev, K.**, **Ostromski, T.**, Zlatev, Z.. Computational challenges in the numerical treatment of large air pollution models. , 179, 2, Elsevier, 2004, ISSN:0304-3800, DOI:10.1016/j.ecolmodel.2004.06.019, 187 - 203. ISI IF:2.725

Цитира се в:

141. Harb, M. K., Ebqa'ai, M., Al-rashidi, A., Alaziqi, B. H., Al Rashdi, M. S., & Ibrahim, B. (2015) Investigation of selected heavy metals in street and house dust from Al-Qunfudah, Kingdom of Saudi Arabia. Environmental Earth Sciences, 1-9., **@2015**

142. Krapivin, V. F., Varotsos, C. A., & Soldatov, V. Y. New Ecoinformatics Tools in Environmental Science. Book Environmental Earth Sciences 2015 New Ecoinformatics Tools in Environmental Science Applications and Decision-making Authors: Vladimir F. Krapivin, Costas A. Varotsos, Vladimir Yu. Soldatov ISBN: 978-3-319-13977-7 (Print) 978-3-319-13978-4 (Online), **@2015**

143. Mohammad K. Harb, Mohammad Ebqa'ai Awad Al-rashidi, Bakri H. Alaziqi, Mohammed S. Al Rashdi, Bashar Ibrahim, Investigation of selected heavy metals in street and house dust from Al-Qunfudah, Kingdom of Saudi Arabia, Environ Earth Sci (2015) 74:1755–1763 DOI 10.1007/s12665-015-4184-2, IF: 1.765, **@2015**

144. Vladimir F. Krapivin, Costas A. Varotsos, Vladimir Yu. Soldatov, New Ecoinformatics Tools in Environmental Science (Applications and Decision-making), Springer International Publishing 2015, ISBN: 978-3-319-13977-7., **@2015**

84. Atanassov, Emanouil I.. On the Discrepancy of the Halton Sequences. Math. Balkanica, 18, 1-2, 2004, 15 - 32

Цитира се в:

145. Faure, H., Kritzer, P. and Pillichshammer, F., From van der Corput to modern constructions of sequences for quasi-Monte Carlo rules, Indagationes Mathematicae, 26(5), pp. 760 - 822, 2015, ISSN: 0019-3577, DOI: http://dx.doi.org/10.1016/j.indag.2015.09.001, IF: 0.364, **@2015**

146. Pausinger, F. and Steinerberger, S., On the discrepancy of jittered sampling, Journal of

Complexity, 2015, ISSN: 0885-064X, DOI: http://dx.doi.org/10.1016/j.jco.2015.11.003, IF: 1.5, **@2015**

147. Hofer, R., Generalized Hofer–Niederreiter sequences and their discrepancy from an -point of view, Journal of Complexity, 31(2), pp. 260 - 276, 2015, ISSN: 0885-064X, DOI: http://dx.doi.org/10.1016/j.jco.2014.10.002, IF: 1.5, **@2015**

85. **Nedjalkov M.**, Kosina, H., Selberherr, S., Ringhofer, C., and Ferry, D. K. Unified Particle Approach to Wigner-Boltzmann Transport in Small Semiconductor Devices. Physical Review B, 70, 2004, DOI:doi:10.1103/PhysRevB.70.115319, 115319-1 - 115319-16. ISI IF:3.736

Цитира се в:

148. Jonasson, O., and I. Knezevic. "Dissipative transport in superlattices within the Wigner function formalism." Journal of Computational Electronics 14.4 (2015): 879-887., **@2015**

149. Sellier, J. M. "A signed particle formulation of non-relativistic quantum mechanics." Journal of Computational Physics, Vol 297, IsSSN 0021-9991, IF. 2.434, SJR 2.039, pp. 254-265., **@2015**

150. Shao, Sihong, and Jean Michel Sellier. "Comparison of deterministic and stochastic methods for time-dependent Wigner simulations." Journal of Computational Physics 300 (2015): 167-185., **@2015**

151. Rosati, Roberto. Microscopic modeling of energy dissipation and decoherence in nanoscale materials and devices. Diss. Politecnico di Torino, 2015., **@2015**

152. Kim, Kyoung-Youm, and Saehwa Kim. "Effect of uncertainty principle on the Wigner function-based simulation of quantum transport." Solid-State Electronics 111 (2015): 22-26., **@2015**

86. Ule, T., **Simov, K.**. Unexpected Productions May Well be Errors. , 2004

Цитира се в:

153. DICKINSON, Markus. Detection of annotation errors in corpora. Language and Linguistics Compass, 2015, 9.3: 119-138, (in Scopus, Web of Knowledge)., **@2015**

87. **Koprinkova-Hristova, P.**. Fuzzy operations' parameters versus membership functions' parameters influence on fuzzy control systems properties. Proceedings of 2nd International IEEE Conference"Intelligent Systems", 1, IEEE, 2004, ISBN:0780382781, DOI:10.1109/IS.2004.1344670, 219 - 224

Цитира се в:

154. Cortés-Antonio, P., Batyrshin, I., Villa-Vargas, L.A., Rudas, I., Molina-Lozano, H., Ramírez-Salinas, M.A., Hardware Design of Digital Parametric Conjunctors and t-Norms, International Journal of Fuzzy Systems, vol.17 (4), 2015, pp.559-576; ISSN: 15622479; DOI: 10.1007/s40815-015-0076-6; IF 2014: 1.095, **@2015**

88. Shapiro, V., **Gluhchev, G.**. Multinational license plate recognition system: Segmentation and classification. Proceedings of the 17th International Conference on Pattern Recognition (ICPR2004), 4, IEEE, 2004, ISBN:0-7695-2128-2, ISSN:1051-4651, DOI:10.1109/ICPR.2004.1333775, 352 - 355. SJR:0.282

Цитира се в:

155. Tian, B., B.T.Morris, M.Tang, Y.Liu, Y.Yao, Ch.Gou, D.Shen, Sh.Tang: Hierarchical and Networked Vehicle Surveillance in ITS: A Survey, IEEE Transactions on Intelligent Transportation Systems Society, Volume:16, Issue:2, Issue Date: April 2015, pp 557 – 580, DOI: 10.1109/TITS.2014.2340701, ISSN: 1524-9050, INSPEC: 15019600, Publisher: IEEE, **@2015**

156. Fan, Z., Y. Zhao, A.M. Burry, V. Kozitsky: License plate character segmentation using likelihood maximization, US Patent 9,014,432, 2015 - Google Patents, **@2015**

157. Xian D.: Design and Implementation of a Vehicle License Plate Recognition System Based on Embedded System, Tamkang University Department of Information Engineering Master classes dissertation; 2015 (2015/01/01), pp 1 - 68, Computer Science and Information Engineering, Page1 – 68, Airiti Library 94 156 6 250 Hello, **@2015**

89. 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:

158. Huang, H., Chen, Y., Liu, L., Le, H., Wan, W. An empirical model of the topside plasma density around 600-km based on ROCSAT-1 and Hinotori observations (2015) Journal of Geophysical Research A: Space Physics, 120 (5), pp. 4052-4063., **@2015**

159. Tulasi Ram, S., Heelis, R., Gowtam, V.S., Ajith, K.K., Su, S.-Y. Unique latitudinal shape of ion upper transition height (HT) surface during deep solar minimum (2008-2009) (2015) Journal of Geophysical Research A: Space Physics, 120 (2), pp. 1419-1427, **@2015**

160. Khabituev, D.S., Shpynev, B.G. Variations of O+/H+ transition height over East Siberia from joint analysis of Irkutsk incoherent scatter data and GPS total electron content (2015) Progress in Electromagnetics Research Symposium, 2015-January, pp. 2553-2556., **@2015**

90. Terzieva, V., **Todorova, K.**, L. Simeonova. Implementation of the Web-based Learning in PhD Education. CompSysTech'04, 2004, ISBN:954-9641-38-4, IV.22-1 - IV.22-6

Цитира се в:

161. Dr.S.Amutha, A.Sudha. Undergraduate Chemistry Students'awareness towards Web Based Instruction (WBI) in Chemistry. International Journal of Scientific and Research Publications, Volume 5, Issue 9, September, Pages 1-5, 2015 ISSN 2250-3153, **@2015**

91. Savov S., **Popchev, I.**. New upper estimates for the solution of the continuous Lyapunov equation. IEEE Trans. On Automatic Control, 49, 10, Institute of Electrical and Electronics Engineers Inc., 2004, ISSN:00189286, 1841 - 1842. SJR:3.24, ISI IF:2.779

Цитира се в:

162. Bartolini G., E. Punta, Integral Sliding Mode Control of Multi-Input Nonlinear Uncertain Non-Affine Systems. Springer International Publishing, vol. 24, Series Studies in Systems Decision and Control, 2015, ISSN 2198-4182, ISBN 978-3-319-1829-6, DOI 10.1007/978-3-319-18290- 2_4, pp. 57-75., **@2015**

2005

92. **Andreev A. B.**. Supercloseness between the elliptic projection and the approximate eigenfunction and its application to a postprocessing of finite element eigenvalue problems. Lecture Notes in Computer Science, 3401, Springer Berlin Heidelberg, 2005, ISSN:0302-9743, DOI:10.1007/978-3-540-31852-1_10, 100 - 107

Цитира се в:

163. Gawlik, Evan S., and Adrian J. Lew. "Supercloseness of Orthogonal Projections onto Nearby Finite Element Spaces." ESAIM-MATHEMATICAL MODELLING AND NUMERICAL ANALYSIS-MODELISATION MATHEMATIQUE ET ANALYSE NUMERIQUE 49.2 (2015): 559-576., **@2015**

93. **Shalamanov, V.**, Hadjitodorov, S., **Tagarev, T.**, Avramov, S., Stoyanov, V., Geneshky, P., Pavlov, N.. Civil security: architectural approach in emergency management transformation. Information & Security: An International Journal, 17, Procon, 2005, ISSN:0861-5160, 75 - 101

Цитира се в:

164. Vera Karin Brazova, "Response of Central European Civil Security Systems to the Economic Crisis," Central European Journal of Public Policy 9, no. 2 (2015): 142-163. ISSN 1802-4866, **@2015**

165. Raphael Bossong and Hendrik Hegemann, "Introduction: European Civil Security Governance — Towards a New Comprehensive Policy Space?," in European Civil Security Governance: Diversity and Cooperation in Crisis and Disaster Management, edited by Raphael Bossong and Hendrik Hegemann (Basingstoke: Palgrave Macmillan, 2015), pp. 1-23. ISBN 9781137481108, **@2015**

166. Piotr Matczak, Vera-Karin Brazova, Visnja Samardzija and Ivona Pinskwar, "Civil Security Governance Systems in the New EU Member States: Closer to 'Old Europe' or a Distinctive Path?," in European Civil Security Governance: Diversity and Cooperation in Crisis and Disaster Management, edited by Raphael Bossong and Hendrik Hegemann (Basingstoke: Palgrave Macmillan, 2015), pp. 50-72. ISBN 9781137481108, **@2015**

167. Plamen Gramatikov, "Civil-Military Collaboration in Complex Emergencies," in Ion Apostol, Jumber Mamasakhlisi, Doritt Subotta, and Dieter W G Reimer, eds. Engaging the Public to Fight the Consequences of Terrorism and Disasters (Amsterdam: IOS Press, 2015), pp. 110-119. ISBN 978-1-61499-492-3. DOI: 10.3233/978-1-61499-493-0-110, **@2015**

168. Vera Karin Brazova, Piotr Matczak, and Viktoria Takacs, "Evolution of civil security systems: the case of three Central European countries," Journal of Risk Research 18, no. 6 (2015): 789-806, DOI: 10.1080/13669877.2014.913659. ISSN 1366-9877 (Print), 1466-4461 (Online), **@2015**

94. **Shalamanov, V.**, Johnson, G., Fay, J.. IT in Coalition and Emergency Operations. Information & Security: An International Journal, 16, Procon, 2005, DOI:10.11610/isij.v16, 136

Цитира се в:

169. Tzanev A, Implementation of SoS's to Critical Tasks of National Importance in Proceedings,

Volume 1, Military Sciences and National Security, III International Scientific and Technical Conference "Technics. Technologies. Education. Safety", 28-29 may 2015, Veliko Tarnovo. Bulgaria, (Scientific technical union of mechanical engineering), pp.39-44, ISSN: 1310–3946, **@2015**

95. 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:

170. Schiff, K. "Heuristic algorithm for logistic decisions on optimal loading into transpor, Logistica 2, 2015, 686 – 693., **@2015**

171. Hifi, M., Saleh, S., & Wu, L, A hybrid guided neighborhood search for the disjunctively constrained knapsack problem. Cogent Engineering, 2(1), ISSN 2331-1916, DOI: 10.1080/23311916.2015.1068969, 2015., **@2015**

96. 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:

172. Q. Lin, H. Xie, A Multi-level Correction Scheme for Eigenvalue Problems, Mathematics of Computation, Math. Comp. 84 (2015), 71-88,., **@2015**

173. Guo, Hailong. "Recovery Techniques For Finite Element Methods And Their Applications" (2015). Wayne State University Dissertations. Paper 1313, **@2015**

174. X. Han, Y. Li, H. Xie, A Multilevel Correction Method for Steklov Eigenvalue Problem by Nonconforming Finite Element Methods, Numerical Mathematics: Theory, Methods and Applications / Volume 8 / Issue 03 / August 2015, pp 383-405., **@2015**

175. H. Xie, A Type of Multi-level Correction Scheme for Eigenvalue Problems by Nonconforming Finite Element Methods, BIT Numerical Mathematics, 2015, 1-24., **@2015**

176. F. Millar, D. Mora, A finite element method for the buckling problem of simply supported Kirchhoff plates, JCAM, Vol. 286, 2015, pp. 68 – 78., **@2015**

97. Boytcheva, S., Kovatcheva, E.. Development of Adaptive e-Learning System Based on Learning Objects. Proceedings of International e-Learning conference, 2005, 245 - 251

Цитира се в:

177. Premlatha, K. R., and T. V. Geetha. "Learning content design and learner adaptation for adaptive e-learning environment: a survey." Artificial Intelligence Review 44.4 (2015): 443-465., **@2015**

98. Andreev A. B., Petrov M. S., Todorov T. D.. An Optimal Order Numerical QuadratureApproximation of a Planar Isoparametric Eigenvalue Problem on Triangular FiniteElement Meshes. Calcolo, 42, 2, Springer Berlin Heidelberg, 2005, ISSN:00080624, DOI:10.1007/s10092-005-0097-x, 47 - 69. SJR:0.604

Цитира се в:

178. Sergey I. Solov'ëv, Finite element approximation with numericalintegration for differential eigenvalue problems, Applied Numerical Mathematics, vol.93, 2015, pp. 206–214., **@2015**

99. Ismail, M.E.H., **Nikolova, I.**, Simeonov, P. Difference equations and discriminants for discrete orthogonal polynomials. Ramanujan Journal, 8, 4, 2005, ISSN:1382-4090, DOI:10.1007/s11139-005-0276-z, 475 - 502. SJR:1.045

Цитира се в:

179. Moroz, A. On uniqueness of Heine-Stieltjes polynomials for second order finite-difference equations (2015) Journal of Physics A: Mathematical and Theoretical, 48 (41), art. no. 415201, ., **@2015**

180. Witte, N.S. Semiclassical orthogonal polynomial systems on nonuniform lattices, deformations of the Askey table, and analogues of isomonodromy (2015) Nagoya Mathematical Journal, 219 (1), pp. 127-234., **@2015**

100. Stoilov T., **K.Stoilova**. Routing algorithms in computers neworks.. Proceeding of International Conference "CompSysTech2005, 2005, ISBN:954-9641-42-2, IIIA.21-1 - IIIA.21-6

Цитира се в:

181. Stoyanov P. Simulation networks in graphical network simulator for solving real time problems: A case study. Proceeding of Int. Conference "Automatics and Informatics" 2015, 4-7 Oct, ISSN 1313-1850, p.177-180., **@2015**

101. Fidanova S.. Heuristics for Multiple Knapsack Problem. Conference on Applied Computing, IADIS, 2005, 255 - 260

Цитира се в:

182. Janani N., Shiva Jegan R.D.,Prakash P., Optimization of virtual machine placement in clode environment using genetic algorithm, J. Applied Sciences, Engineering and Technology, Vol. 10(3), ISSN 2040-7459, SJR 0.155, 2015, pp. 274-287., **@2015**

102. 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:

183. RODRIGUES, Ricardo; GOMES, Paulo. RAPPORT—A Portuguese Question-Answering System. In: Progress in Artificial Intelligence. Springer International Publishing, 2015. p. 771-782., **@2015**

103. Simov, K., **Osenova, P.**. Extending the Annotation of BulTreeBank: Phase 2. , 2005

Цитира се в:

184. FUTRELL, Richard; MAHOWALD, Kyle; GIBSON, Edward. Large-scale evidence of dependency length minimization in 37 languages. Proceedings of the National Academy of Sciences, 2015, 112.33: 10336-10341, (in Scopus, Web of Knowledge)., **@2015**

185. MARIMON, Montserrat; BEL, Núria. Dependency structure annotation in the IULA Spanish

LSP Treebank. Language Resources and Evaluation, 2015, 49.2: 433-454 doi: 10.1007/s10579-014-9280-5., **@2015**

104. 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:

186. Esquivel-Flores, O. A. (2015, May). Study of preconditioners based on Markov Chain Monte Carlo methods. In BSC Doctoral Symposium (2nd: 2015: Barcelona), 2nd BSC Doctoral Symposium, Barcelona, 5th-7th May, 2015, **@2015**

105. **Dimov, D.**, Azmanov, I.. Experimental specifics of using HMM in isolated word speech recognition. Proceedings of CompSysTech Conferences, RU "Angel Kanchev", Ruse, BG, 2005, ISBN:ISBN-954-9641-42-2, 3A.17.1 - 3A.17.9

Цитира се в:

187. Hemakumar, G., P. Punitha, Large Vocabulary Speech Recognition: Speaker Dependent and Speaker Independent, In: J. K. Mandal, S. C. Satapathy, M. K. Sanyal, P. P. Sarkar, A. Mukhopadhyay (Eds.) Information Systems Design and Intelligent Applications, Advances in Intelligent Systems and Computing, Vol. 339, pp. 73-80, 21 January 2015, DOI: 10.1007/978-81-322-2250-7_8, Online ISBN: 978-81-322-2250-7, Print ISBN: 978-81-322-2249-1, Series ISSN: 2194-5357, Springer India, **@2015**

188. Mamun, A., F. Mahmud, Performance analysis of isolated Bangla speech recognition system using Hidden Markov Model, Int. Journal of Scientific & Engineering Research, Vol. 6, Issue 1, pp. 540-545, January 2015, ISSN: 2229-5518, **@2015**

2006

106. Lagoudas, D., Entchev, P., **Popov, P.**, Patoor, E., Brinson, L., Gao, X.. Shape memory alloys, Part II: Modeling of polycrystals. Mechanics of Materials, 38, 5-6, Elsevier, 2006, ISSN:0167-6636, DOI:10.1016/j.mechmat.2005.08.003, 430 - 462. SJR:1.316, ISI IF:2.329

Цитира се в:

189. F. Auricchio, A.-L. Bessoud, A. Reali, U. Stefanelli, A phenomenological model for the magneto-mechanical response of single-crystal magnetic shape memory alloys, European Journal of Mechanics - A/Solids, Volume 52, July–August 2015, Pages 1–11,ISSN: 0997-7538, IF: 1.678, **@2015**

190. P. Novák, P. Pokorný, V. Vojtěch, A. Knaislová, A. Školáková, J. Čapek, M. Karlík, J. Kopeček, Formation of Ni–Ti intermetallics during reactive sintering at 500–650 °C, Materials Chemistry and Physics, Volume 155, 1 April 2015, Pages 113–121, **@2015**

191. M. R. Karamooz Ravari, M. Kadkhodaei, A. Ghaei, A microplane constitutive model for shape memory alloys considering tension–compression asymmetry, Smart Materials and Structures, Volume 24, Number 7, Published 4 June 2015, 075016, **@2015**

192. C. Yu, G. Kang, Q. Kan, A micromechanical constitutive model for anisotropic cyclic

deformation of super-elastic NiTi shape memory alloy single crystals, Journal of the Mechanics and Physics of Solids, Volume 82, September 2015, Pages 97–136, **@2015**

193. R. Alessi, D. Bernardini, Analysis of localization phenomena in Shape Memory Alloys bars by a variational approach, International Journal of Solids and Structures, Volumes 73–74, November 2015, Pages 113–133, **@2015**

194. V. Chiroiu, M. Florinel Ionescu, T. Sireteanu, R. Ioan, L. Munteanu, On intrinsic time measure in the modeling of cyclic behavior of a Nitinol cubic block, Smart Materials and Structures, Volume 24, Number 3, Smart Materials and Structures, Volume 24, Number 3, 035022, **@2015**

195. R. Dhote, K. Behdinan, H. Gomez, Dynamic Multiaxial Behaviors of 3D Shape Memory Alloy Nanowires: A Phase-Field Study, Mechanics of Advanced Materials and Structures, Accepted author version posted online: 20 Aug 2015, **@2015**

196. C. Yu, G. Kang, D. Song, Q. Kan, Effect of martensite reorientation and reorientation-induced plasticity on multiaxial transformation ratchetting of super-elastic NiTi shape memory alloy: New consideration in constitutive model, International Journal of Plasticity, Volume 67, April 2015, Pages 69–101, **@2015**

197. R Mirzaeifar, M.H. Elahinia, Shape Memory Alloy Actuators Actuators: Design, Fabrication and Experimental Evaluation, John Wiley and Sons, Inc., 2015, ISBN: 978-1-118-35944-0, **@2015**

198. M. Frost, A. Kruisová, V. Shánel, P. Sedlák, P. Hausild, M. Kabla, D. Shilo, M. Landa, Characterization of Superelastic NiTi Alloys by Nanoindentation: Experiments and Simulations, ACTA PHYSICA POLONICA A, Vol. 128 (2015), No. 4, 664-669, **@2015**

199. A.R. Damanpack, M. Bodaghi, W.H. Liao, SMA bellows as reversible thermal sensors/actuators, Smart Materials and Structures, Volume 24, Number 6, Published 7 May 2015, 065013, **@2015**

200. C. Xuan, S. Ding, Y. Huo, Multiple bifurcations and local energy minimizers in thermoelastic martensitic transformations, Acta Mechanica Sinica, October 2015, Volume 31, Issue 5, pp 660-671, **@2015**

201. R. Rizzoni , S. Marfia, A thermodynamical formulation for the constitutive modeling of a shape memory alloy with two martensite phases, Meccanica, April 2015, Volume 50, Issue 4, pp 1121-1145, **@2015**

202. C. Yu, G. Kang, Q. Kan, Y. Zhu, Rate-dependent cyclic deformation of super-elastic NiTi shape memory alloy: Thermo-mechanical coupled and physical mechanism-based constitutive model, International Journal of Plasticity, Volume 72, September 2015, Pages 60–90, **@2015**

203. M. Kimiecik, J.W. Jones, S. Daly, Grain orientation dependence of phase transformation in the shape memory alloy Nickel–Titanium, Acta Materialia, Volume 94, 1 August 2015, Pages 214–223, ISSN: 1359-6454, **@2015**

204. C. Crăciunescu, A. Ercuta, Modulated interaction in double-layer shape memory-based micro-designed actuators, Science and Technology of Advanced Materials, Volume 16, Number 6, Published 10 November 2015, 065003, **@2015**

205. Y. Liu, The superelastic anisotropy in a NiTi shape memory alloy thin sheet, Acta Materialia,Volume 95, 15 August 2015, Pages 411–427, **@2015**

206. L. Haller, B. Nedjar, Z. Moumni, I. Vedinaş, E. Trană, A thermomechanical model accounting for the behavior of shape memory alloys in finite deformations, Continuum Mechanics and Thermodynamics, pp 1-19, First online: 05 May 2015, **@2015**

207. A.F. Saleeb, B. Dhakal, J.S. Owusu-Danquah, Assessing the performance characteristics and clinical forces in simulated shape memory bone staple surgical procedure: The significance of SMA material model, Computers in Biology and Medicine,Volume 62, 1 July 2015, Pages 185–195, **@2015**

208. M.R. Karamooz Ravari, M. Kadkhodaei, A. Ghaei, Effects of asymmetric material response on the mechanical behavior of porous shape memory alloys, Journal of Intelligent Material Systems and Structures September 10, 2015, **@2015**

209. F.N. García-Castillo, J. Cortés-Pérez, V. Amigó, F.M. Sánchez-Arévalo, G.A. Lara-Rodríguez, Development of a stress-induced martensitic transformation criterion for a Cu–Al–Be polycrystalline shape memory alloy undergoing uniaxial tension, Acta Materialia, Volume 97, 15 September 2015, Pages 131–145, **@2015**

210. A.F. Saleeb, B. Dhakal, J.S. Owusu-Danquah, On the role of SMA modeling in simulating NiTinol self-expanding stenting surgeries to assess the performance characteristics of mechanical and thermal activation schemes, Journal of the Mechanical Behavior of Biomedical Materials,Volume 49, September 2015, Pages 43–60, **@2015**

211. G. Chatzigeorgiou, Y. Chemisky, F. Meraghni, Computational micro to macro transitions for shape memory alloy composites using periodic homogenization, Smart Materials and Structures, Volume 24, Number 3, Published 3 February 2015, 035009, **@2015**

212. M. Frost,P. Sedlák, L. Kadeřávek, L. Heller, P. Šittner, Modeling of mechanical response of NiTi shape memory alloy subjected to combined thermal and non-proportional mechanical loading: a case study on helical spring actuator, Journal of Intelligent Material Systems and Structures October 26, 2015 1045389X15610908, **@2015**

213. A. Ziolkowski, Pseudoelasticity of Shape Memory Alloys: Theory and Experimental Studies, Butterworth-Heinemann, Elsevier, 2015, **@2015**

214. J.I. Pérez-Landazábala, O.A. Lambri, F.G. Bonifacich, V. Sánchez-Alarcos, V. Recarte, F. Tarditti, Influence of defects on the irreversible phase transition in Fe–Pd ferromagnetic shape memory alloys, Acta Materialia, Volume 86, March 2015, Pages 110–117, **@2015**

215. A.F. Saleeb, B. Dhakal, S. Dilibal, J.S. Owusu-Danquah, S.A. Padula, On the modeling of the thermo-mechanical responses of four different classes of NiTi-based shape memory materials using a general multi-mechanism framework, Mechanics of Materials, Volume 80, Part A, January 2015, Pages 67–86, IF: 2.598, **@2015**

107. 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:

216. Patel, C., A. Patel, A Novel Approach for Detecting Number Plate Based on Overlapping Window and Region Clustering for Indian Conditions, Int. Journal of Image, Graphics and Signal Processing, Vol. 5, pp. 58-65, April, 2015, DOI: 10.5815/ijigsp.2015.05.07, **@2015**

217. Puloria, K., S. Mahajan, A Review on Automatic Number Plate Recognition System, Int.

Journal of Software & Hardware Research in Engineering, Vol. 3, Issue 1, pp.1-6, 2015, ISSN: 2347-4890, **@2015**

218. Satyanarayana, B., D. R. Valluri, K. R. Sekhar, Real Time Automatic Number Plate Recognition Using Morphological Algorithm, Int. Journal of Science Engineering and Advance Technology, Vol. 3, No. 4, pp.110-116, 2015, ISSN: 2321-6905, **@2015**

219. Sutar, P. P., P. C. Latane, Localization of License Plate Number Using Dynamic Image Processing Techniques, International Research Journal of Engineering and Technology (IRJET), Vol. 2, Issue 3, pp. 907-911, 2015, p-ISSN: 2395-0072, **@2015**

220. Borker S., Implementation of Vehicle License Plate Recognition Using Canny Edge Detection, International Journal of Computer Science & Engineering Technology (IJCSET), Vol. 6, No. 6, pp. 376-379, 2015, ISSN : 2229-3345, **@2015**

221. Rojas, K., Desarrollo e Implementación de un Sistema Embebido para la Identificación y Reconocimiento de VLP Utilizando SVM y NN, In Proc. of 20 IEEE Symposium on Signal Processing, Images and Computer Vision, STSIVA, Sept 2-4, 2015, Bogota, Colombia, pp. 1-5, ISBN: 978-1-4673-9461-1, **@2015**

222. Farajian, N., M. Rahimi, Algorithms for licenseplate detection: A survey, 2014 International Congress on Technology, Communication and Knowledge on 26-27 November 2014, Mashhad, Iran, pp. 1-8, 2015, DOI: 10.1109/ICTCK.2014.7033529, ISBN: 978-147998021-5, **@2015**

223. Patel, C., D. Shah, A. Patel: Novel Vehicle Number Plate Segmentation Technique in Indian Conditions, Indian Journal of Science and Technology, 2015, Vol 8(28), IPL0688, October 2015, DOI: 10.17485/ijst/2015/v8i1/72226, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645, IC Value : 5.02, **@2015**

224. Baran, R., T. Rusc, P. Fornalski: A smart camera for the surveillance of vehicles in intelligent transportation systems, Multimedia Tools and Applications, 2015 pp 1-23, ISSN: 1380-7501 (print), ISSN: 1573-7721 (Online), DOI 10.1007/s11042-015-3151-y, Publisher Springer US, **@2015**

108. Simov, K., Monachesi, P., Lemnitzer, L.. Language technology for elearning. , 2006, ISBN:978-3-540-45777-0

Цитира се в:

225. Anca-Roxana Simon, Pascale Sebillot, Guillaume Gravier. Hierarchical Topic Structuring: From Dense Segmentation to Topically Focused Fragments via Burst Analysis. In Proceedings of RANLP 2015. ISSN 1313-8502, pp 588–595., **@2015**

226. Anca-Roxana Simon. Semantic structuring of video collections from speech: segmentation and hyperlinking. Document and Text Processing. PhD thesis. Universit´e de Rennes 1, 2015., **@2015**

109. Atanassov, E., **Gurov, T.**, **Karaivanova, A.**. Computational Grid: Structure and Applications. Journal Automatics and Informatics, 3, 2006, ISSN:0861-7562, 40 - 43

Цитира се в:

227. Gadzhev, G., Ganev, K., Miloshev, N., Syrakov, D. and Prodanova, M., HPC Simulations of the Fine Particulate Matter Climate of Bulgaria, NMA 2014, LNCS 8962, Springer, 2015, pp.

178-186, ISBN: 978-3-319-15584-5, DOI: 10.1007/978-3-319-15585-2_20, SJR: 0.339, **@2015**

110. Шаламанов, В., **Тагарев, Т.**, Ангелов, А.. Офицерите от резерва: естествен мост между въоръжените сили и гражданското общество. , СОР Атлантик, 2006, 112

Цитира се в:

228. Faheem Ahmed Khanzada, "Public Private Partnership in the Management of Health Services in Pakistan," BMJ Open 5, Suppl. 1 (2015), http://bmjopen.bmj.com/content/5/Suppl_1/bmjopen-2015-forum2015abstracts.29.abstract, **@2015**

111. Shalamanov, V.. Computer Assisted Exercise Environment for Terrorist Attack Consequence Management. Proc. of RTO-MP-MSG-045 Meeting Proceedings, Rome, Italy, 4-7 October 2006, RTA, 2006

Цитира се в:

229. Minchev, Z.. Multiple Human Biometrics Fusion in Support of Cyberthreats Identification. Cyberetics & Information Technologies, 15(4) 2015, 67-76. ISSN:1314-4081, DOI:10.1515/cait-2015-0090, **@2015**

112. 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:

230. Yao F., Ge J., Li C., Ge Y., Hu H., Zhou Y, Hu Hao, and Luo B., "Workflow Scheduling in Grid Based on Bacterial Foraging Optimization." In Process-Aware Systems, Communications in Computer and Information Science, Vol 495, Springer Berlin Heidelberg, ISSN 1865-0929, DOI 10.1007/978-3-662-46170-9_3, 2015, pp. 21-34., **@2015**

231. Gokuldev S., Radhakrishnan R., WRB scheduling for meta brokers in heterogeneous grid environment, Int. J. of Applied Engineering Research, Vol 10(2), ISSN: 0973-4562, Research India Publications, SJR 0.127, 2015, pp. 2969-2979., **@2015**

232. 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, 2015, 1-8., **@2015**

233. Gokuldev S., Radhakrishnan R., An improved log-based scheduling and load balansing in computational grid, Int. J. of Applied Engineering Research, Vol 10(13), ISSN: 0973-4562, Research India Publications, SJR 0.127, 2015, 33819-33825., **@2015**

234. Jackson, G. L.. "Parallel computing with p2p desktop grids." PhD thesis, University of Marylend, 2015., **@2015**

113. 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, ISI IF:3.736

Цитира се в:

235. Rosati, R. (2015). Microscopic modeling of energy dissipation and decoherence in nanoscale materials and devices (Doctoral dissertation, Politecnico di Torino)., **@2015**

114. Fidanova S.. Simulated Annealing for GRID Scheduling Problem. International Simposium on Modern Computing, IEEE, 2006, 41 - 45

Цитира се в:

236. Selvi S., Manimegalai D., Task Scheduling Using Two-Phase Variable Neighborhood Search Algorithm on Heterogeneous Computing and Grid Environments, Arabian J. for Science and Engineering, Vol 40(3), ISSN 1319-8025, SJR 0.185, 2015, 817 – 844., **@2015**

237. Ren, Z., Zhang, X., & Shi, W., Resource Scheduling in Data-Centric Systems. In Handbook on Data Centers, Samee Khan, Albert Zomaya (eds.) Springer New York, ISBN 978-1-4939-2091-4, 2015, pp. 1307-1330., **@2015**

238. Selvi, S., and D. Manimegalai. "Multiobjective Variable Neighborhood Search algorithm for scheduling independent jobs on computational grid." Egyptian Informatics Journal, Vol 16(2), ISSN 1110-8665, SJR 0.290, DOI:10.1016/j.eij.2015.06.001, 2015, pp. 199-212 ., **@2015**

239. Katiyar, S., Mehta, N., & Gupta, A. SALB: Simulated Annealing Based Load Balancing in Grid. Int, J, of Emerging Technologies in Computer Science and Electronics, Vol16(2), ISSN 0976-1353, 2015, pp. 69-72., **@2015**

240. Neves, D., Lourenco, N., & Horta, N., Scheduling evaluation tasks for increased efficiency of parallel analog IC synthesis. In Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design (SMACD), 2015, **@2015**

241. Mehta, S. K. N., & Gupta, A. SALB: Simulated Annealing Based Load Balancing in Grid., Int. J. of Emerging Technology in Computer Science and Electronics, Vol. 16(2), ISSN 0976-1353, 2015, pp. 69 – 72., **@2015**

242. Liao, Q., Jiang, S., Hei, Q., Li, T., & Yang, Y., Scheduling Stochastic Tasks with Precedence Constrain on Cluster Systems with Heterogenous Communication Architecture. In Algorithms and Architectures for Parallel Processing, LNCS 9532, SJR 0.339 ,Springer International Publishing, 2015, pp. 85 -99., **@2015**

243. 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., **@2015**

115. Tagarev, T.. Introduction to Program-based Defense Resource Management. Connections: The Quarterly Journal, 5, 1, PfP Consortium, 2006, ISSN:1812-1098, DOI:10.11610/Connections.05.1.05, 55 - 69

Цитира се в:

244. Venelin Georgiev, "Embedding affordability assessments in military cost-benefit analysis: Defense Modernization in Bulgaria" in Francois Melese, Anke Richter, and Binyam Solomon, eds., Military Cost–Benefit Analysis: Theory and Practice (Abingdon, Oxon: Routledge, 2015), 335-347. ISBN 978-1-13-885042-2, **@2015**

116. Fidanova S.. 3D HP Protein Folding Using Ant Algorithm. In proc of BioPs'06, 2006, 19 - 26

Цитира се в:

245. Thilagavathi, N., and T. Amudha, ACO metaheuristic for 3D-HP protein folding optimization, ARPN Journal of Engineering and Applied Sciences Vol.10(11), ISSN 1819-6609, SJR 0.213, 2015, pp. 4948-4953., **@2015**

117. 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:

246. Tozzi, A. Multifractal exponents and Rényi entropy: a clue for brain function?, The Society for Chaos Theory in Psychology & Life Sciences, Newsletter, 2015, DOI: 10.13140/2.1.2181.1527, **@2015**

118. **Andreev A. B.**, Lazarov R. D., Racheva M. R.. Postprocessing and improved accuracy of the lowest-order mixed finite element approximation for biharmonic eigenvalues. Lecture Notes in Computer Science, 3743, Springer Berlin Heidelberg, 2006, ISSN:0302-9743, DOI:10.1007/11666806_70, 613 - 620

Цитира се в:

247. F. Millar, D. Mora, A finite element method for the buckling problem of simply supported Kirchhoff plates, JCAM, Vol. 286, 2015, pp. 68 – 78., **@2015**

119. 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:

248. Wang, S., Huang, S., Fang, H. Topside ionospheric Vary-Chap scale height retrieved from the COSMIC/FORMOSAT-3 data at midlatitudes (2015) Advances in Space Research, 56 (5), pp. 893-899., **@2015**

249. Qiao, Z., Yuan, Z.G., Qi, F., Huang, S.Y., Li, H.M., Li, H.M., Li, M., Wang, D.D. Statistical characteristics of the polar ionospheric scale height around the peak height of F<inf>2</inf> layer with observations of the ESR radar: Quiet days (2015) Science China Technological Sciences, 58 (4), pp. 687-694., **@2015**

120. **Andreev, R.D.**, Troyanova, N. V. E-learning Design: An Integrated Agent-Grid Service Architecture. Proceedings of IEEE John Vicent Atanasoff 2006 International Symposium on Modern Computing, IEEE Computer Society, 2006, ISBN:13: 978-0-7695-2643-, 208 - 213

Цитира се в:

250. Muhammad Arif and Mehdi Hussain, Intelligent Agent Based Architectures for E-Learning System: Survey, International Journal of u- and e- Service, Science and Technology Vol.8, No. 6 (2015), pp.9-24 ISSN: 2005-4246, **@2015**

121. Peneva, V., **Popchev, I.**. Models for weighted aggregation of fuzzy relations to multicriteria decision making problems. Cybernetics and Information Technologies, 6, 3, 2006, ISSN:1311-9702, 3 - 18

Цитира се в:

251. González, Erick, Rafael Alejandro Espín, and Eduardo Fernández. "Negotiation Based on Fuzzy Logic and Knowledge Engineering: Some Case Studies."Group Decision and Negotiation, ISSN 0926-2644, 1-25, **@2015**

122. 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:

252. Wang, S., Huang, S., Fang, H. New method for deriving the topside ionospheric Vary-Chap scale height (2015) Radio Science, 50 (9), pp. 866-875. DOI: 10.1002/2015RS005724, **@2015**

253. Huang, H., Chen, Y., Liu, L., Le, H., Wan, W. An empirical model of the topside plasma density around 600-km based on ROCSAT-1 and Hinotori observations (2015) Journal of Geophysical Research A: Space Physics, 120 (5), pp. 4052-4063., **@2015**

254. Qiao, Z., Yuan, Z.G., Qi, F., Huang, S.Y., Li, H.M., Li, H.M., Li, M., Wang, D.D. Statistical characteristics of the polar ionospheric scale height around the peak height of F<inf>2</inf> layer with observations of the ESR radar: Quiet days (2015) Science China Technological Sciences, 58 (4), pp. 687-694., **@2015**

255. Wang, S., Huang, S., Fang, H. Topside ionospheric Vary-Chap scale height retrieved from the COSMIC/FORMOSAT-3 data at midlatitudes (2015) Advances in Space Research, 56 (5), pp. 893-899., **@2015**

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

Цитира се в:

256. Dieu, Nguyen Cong. "Point Source Identification of a Stationary Atmospheric Pollution Problem." In Some Current Advanced Researches on Information and Computer Science in Vietnam, pp. 137-151. Springer International Publishing, 2015., **@2015**

124. Ringlstetter, C., Schulz, K. U., **Mihov, S.**. Orthographic errors in Web pages: Toward cleaner Web corpora. Computational Linguistics, 32, 3, MIT Press Journals, 2006, ISSN:0891-2017, 295 - 340. SJR:2.425, ISI IF:2.417

Цитира се в:

257. Representation of the British Suffrage Movement By: Kat Gupta Published: 2015 Edition: 1st Extent: 272 ISBN: 9781472570901 Imprint: Bloomsbury Academic, **@2015**

258. ACL 2015 Workshop on Noisy User-generated Text Proceedings pp 38--47 A Normalizer for UGC in Brazilian Portuguese Magali Sanches Duran, Lucas Avanço, M. Graças Volpe Nunes, **@2015**

259. Normalisation orthographique de corpus bruités Marion Baranes Linguistique. Université Paris-Diderot - Paris VII, 2015. Français, **@2015**

125. Atanassova, L.. On intuitionistic fuzzy versions of L. Zadeh's extension principle. Notes on Intuitionistic Fuzzy Sets, 13, 3, 2006, 33 - 36

Цитира се в:

260. Pekala, B., Bentkowska, U., Bustince, H., Fernandez, J., & Galar, M. (2015, August). Operators on intuitionistic fuzzy relations. In Fuzzy Systems (FUZZ-IEEE), 2015 IEEE International Conference on (pp. 1-8). IEEE. DOI: 10.1109/FUZZ-IEEE.2015.7337956, **@2015**

126. Borissova, D., **Mustakerov, I.**. A working distance formula for night vision devices quality preliminary information.. Cybernetics and Information Technologies, 6, 3, 2006, ISSN:1311-9702, 85 - 92

Цитира се в:

261. Bantutov, E. Night Vision Devices? It is simple! ISBN-13: 978-3-659-63536-6, LAP LAMBERT Academic Publishing, 2015, pages: 124, **@2015**

127. Dezert, J., **Tchamova, A.**, Smarandache, F., Konstantinova, P.. Target Type Tracking with PCR5 and Dempster's rule – a Comparative Analysis. Proceedings of International Conference on Information Fusion, 2006, 2006, ISBN:0-9721844-6-5

Цитира се в:

262. Ilin, R. Blasch, E. " Information fusion with belief functions: A comparison of proportional conflict redistribution PCR5 and PCR6 rules for networked sensors", Proc. of 18th International Conference on Information Fusion ,2015, Washington DC, pp. 2084 - 2091., **@2015**

263. Hao Chen ; Rui Wang ; Li Cui ; Lei Zhang "EasiDSlT: A Two-Layer Data Association Method for Multitarget Tracking in Wireless Sensor Networks", IEEE Transactions on Industrial Electronics (Impact Factor: 6.5). 01/2015; 62(1):434-443. DOI: 10.1109/TIE.2014.2331026, **@2015**

264. Khodabandeh, M., Mohammad-Shahrib, A., "Uncertainty evaluation for an ultrasonic data fusion based target differentiation problem using Generalized Aggregated Uncertainty measure 2", Measurement Journal, Elsevier, Volume 59, January 2015, Pages 139–144, doi:10.1016/j.measurement.2014.09.036, **@2015**

265. Juwei Zhang, Yu Wang, Yachuang Liu, and Qiangyi Li, "Nodes Deployment Scheme of Heterogeneous Wireless Sensor Network Based on Organic Small Molecule Model", TELKOMNIKA Indonesian Journal of Electrical Engineering Vol. 16, No. 3, December 2015, pp. 574 - 582 DOI: 10.11591/telkomnika.v16i3.8870, **@2015**

266. Zhouping Y., Nodes Control Algorithm Design based Coverage and Connectivity of Wireless Sensor Network, INTERNATIONAL JOURNAL ON SMART SENSING AND INTELLIGENT SYSTEMS VOL. 8, NO. 1, MARCH 2015, pp.272-290, **@2015**

128. Borissova, D.. A Single Criterion Combinatorial Optimization Model of the Monocular Night Vision

Goggles Battery Power Supply Choice. Problems of Engineering Cybernetics and Robotics, 57, 2006, ISSN:0204-9848, 95 - 101

Цитира се в:

267. Bantutov, E. Night Vision Devices? It is simple! ISBN-13: 978-3-659-63536-6, LAP LAMBERT Academic Publishing, 2015, pages: 124, **@2015**

2007

129. Margenov, S.. Числени методи за системи с разредени матрици. ИПОИ - БАН, 2007, 155

Цитира се в:

268. Y. Vutov, Parallel Iterative Methods for Nonconforming Finite Elements, Abstracts of Dissertations, Institute of Information and Communication Technologies, BAS, 3 (2015), 1-15, e-ISSN: 1314-6351., **@2015**

269. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

130. 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:

270. Vít Baisa, Vít Suchomel. Corpus Based Extraction of Hypernyms in Terminological Thesaurus for Land Surveying Domain. Aleš Horák, Pavel Rychlý, Adam Rambousek (Eds.): Proceedings of Recent Advances in Slavonic Natural Language Processing, RASLAN 2015, pp. 69–74, 2015. ○c Tribun EU 2015, **@2015**

271. Luis Espinosa-Anke, Francesco Ronzano and Horacio Saggion. Weakly Supervised Definition Extraction. In Proceedings of RANLP 2015, pp. 176-185. ISSN 1313-8502, pp. 176–185., **@2015**

131. Chanev, A., **Simov, K.**, **Osenova, P.**, Marinov, S.. The bultreebank: Parsing and conversion. Recent Advances in Natural Language Processing V: Selected papers from RANLP, 309, 2007, 321 - 330

Цитира се в:

272. S Kübler, H Zinsmeister. Corpus Linguistics and Linguistically Annotated Corpora. Bloomsbury Publishing. ISBN: 9781441164476. London: Bloomsbury Publishing, 2015. Pp. viii, 312., **@2015**

132. Fidanova S.. An Heuristic Method for GPS Surveying Problem, Computational Science. Lecture Notes in Computer Science, 4450, Springer, 2007, ISSN:0377-0427, 1084 - 1090. SJR:0.339

Цитира се в:

273. Jaferi F., Sajadi S.M., Finding the shortest route surveying through proposed genetic

algorithm, Int J. of Productivity and Quality Management, Vol. 16(4), ISSN 1746-6474, SJR 0.360, 2015, pp. 434-444., **@2015**

133. Fidanova S.. Hybrid Heuristic Algorithm for GPS Surveying Problem. Lecture Notes in Computer Science, 3410, Springer, 2007, ISSN:0377-0427, 239 - 246. SJR:0.339

Цитира се в:

274. Jaferi, F., & Sajadi, S. M. Finding the shortest route surveying through proposed genetic algorithm. International Journal of Productivity and Quality Management, 16(4), (2015) 434-444., **@2015**

134. Tchamova, A., Dezert, J., Semerdjiev, Tz., Konstantinova, P.. Multitarget tracking applications of Dezert-Smarandache theory, Chapter 19. Advances and Challenges in Multisensor Data and Information Processing, (Edt. Lefebvre, E.), IOS Press, 2007, ISBN:978-1-58603-727-7, 412

Цитира се в:

275. Liu, ZX., Y. Wang, LW. Yang, WH. Tong, "Research into a visual tracking approach based on a complicated environment", Frontiers in Computer Education-Wang(ed.), ISBN: 978-1-138-02797-8, pp. 25-28, 2015., **@2015**

135. Popov, P., Lagoudas, D.. A 3-D constitutive model for shape memory alloys incorporating pseudoelasticity and detwinning of self-accommodated martensite. International Journal of Plasticity, 23, 10, Elsevier, 2007, ISSN:0749-6419, DOI:10.1016/j.ijplas.2007.03.011, 1679 - 1720. ISI IF:5.89

Цитира се в:

276. S. Hazar, W. Zaki, Z. Moumnic, G. Anlas, Modeling of steady-state crack growth in shape memory alloys using a stationary method, International Journal of Plasticity, Volume 67, April 2015, Pages 26–38, **@2015**

277. F. Auricchio, A.-L. Bessoud, A. Reali, A phenomenological model for the magneto-mechanical response of single-crystal magnetic shape memory alloys, European Journal of Mechanics - A/Solids, Volume 52, July–August 2015, Pages 1–11, **@2015**

278. M.A. Savi, Nonlinear dynamics and chaos in shape memory alloy systems, International Journal of Non-Linear Mechanics, Volume 70, April 2015, Pages 2–19, **@2015**

279. M.R. Karamooz Ravari, M. Kadkhodaei, A Ghaei, A microplane constitutive model for shape memory alloys considering tension–compression asymmetry, Smart Materials and Structures (2015), Volume 24, Number 7, DOI: 10.1088/0964-1726/24/7/075016, **@2015**

280. A.A. León Baldelli, C. Maurini, K. Pham, A gradient approach for the macroscopic modeling of superelasticity in softening shape memory alloys, International Journal of Solids and Structures, Volume 52, 1 January 2015, Pages 45–55, **@2015**

281. V. Legrand, S. Moyne, L. Pino, S. Arbab Chirani , S. Calloch, V. Chevalier, R. Arbab Chirani, Mechanical Behavior of a NiTi Endodontic File During Insertion in an Anatomic Root Canal Using Numerical Simulations, Journal of Materials Engineering and Performance, December 2015, Volume 24, Issue 12, pp 4941-4947, **@2015**

282. A.R. Damanpack, M. Bodaghi, W.H. Liao, SMA bellows as reversible thermal sensors/actuators, Smart Materials and Structures, Volume 24, Number 6, Published 7 May 2015, **@2015**

283. J.S. Owusu-Danquah, A.F. Saleeb, B. Dhakal, S.A. Padula, A Comparative Study of Ni49.9Ti50.1 and Ni50.3Ti29.7Hf20 Tube Actuators, Journal of Materials Engineering and Performance, Volume 24, Issue 4, 2015, pp.1726-1740, **@2015**

284. M. R. Karamooz Ravari, M. Kadkhodaei, A. Ghaei, A Unit Cell Model for Simulating The Stress-Strain Response of Porous Shape Memory Alloys, Journal of Materials Engineering and Performance, October 2015, Volume 24, Issue 10, pp 4096-4105, **@2015**

285. R. Rizzoni , S. Marfia, A thermodynamical formulation for the constitutive modeling of a shape memory alloy with two martensite phases, Meccanica, April 2015, Volume 50, Issue 4, pp 1121-1145, **@2015**

286. S Sameallah, V Legrand, L Saint-Sulpice, M Kadkhodaei, S Arbab Chirani, A comprehensive energy approach to predict fatigue life in CuAlBe shape memory alloy, Smart Materials and Structures, Volume 24, Number 2, 2015, **@2015**

287. V. V. N. Sriram Malladi, P. A. Tarazaga, ANFIS Driven Strain Control of Thin-Shape Memory Alloy Wires Using Seebeck Voltage of a Shape Memory Alloy–Constantan Thermocouple, Journal of Vibration and Acoustics, Volume 137, Issue 1, Feb 01, 2015, Paper No: VIB-14-1117, DOI: 10.1115/1.4028455, **@2015**

288. Y. Liu, The superelastic anisotropy in a NiTi shape memory alloy thin sheet, Acta Materialia, Volume 95, 15 August 2015, Pages 411–427, **@2015**

289. Q. Yanga, G. Lia, Temperature and rate dependent thermomechanical modeling of shape memory polymers with physics based phase evolution law, International Journal of Plasticity, Available online 30 September 2015, **@2015**

290. M. Frost, P. Sedlák, L. Kadeřávek, L. Heller, P. Šittner, Modeling of mechanical response of NiTi shape memory alloy subjected to combined thermal and non-proportional mechanical loading: a case study on helical spring actuator, Journal of Intelligent Material Systems and Structures October 26, 2015, DOI: 10.1177/1045389X15610908, **@2015**

291. A. Ziolkowski, Pseudoelasticity of Shape Memory Alloys: Theory and Experimental Studies, Butterworth-Heinemann, Elsevier, 2015, ISBN : 9780128016978, 270 pages, **@2015**

292. S. H. Ardakani, A. Afshar, S. Mohammadi, Numerical study of thermo-mechanical coupling effects on crack tip fields of mixed-mode fracture in pseudoelastic shape memory alloys, International Journal of Solids and Structures, 2015, DOI: 10.1016/j.ijsolstr.2015.11.023, **@2015**

293. M. Abdelhamid, K. Zidani, L. Chelghoum, Influence de la température d'utilisation et du mode de refroidissement sur la réponse pseudo-élastique d'un échantillon en alliages à mémoire de forme utilisé comme actionneur, Matériaux & Techniques 103, Article Number 107 (2015), DOI: 10.1051/mattech/2015007, **@2015**

136. **Agre, G.**, Marinova, Z.. An INFRAWEBS Approach to Dynamic Composition of Semantic Web Services. Cybernetics and Information Technologies, 7, 1, Bulgarian Academy of Sciences, 2007, 45 - 61

Цитира се в:

294. Xiaoqi Cao. Semantic Search and Composition in Unstructured Peer- to-Peer Networks. PhD Thesis, Saarland University, Saarbrücken, Germany, 2015., **@2015**

137. 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'33, 946, American Institute of Physics, 2007, ISBN:978-0-7354-0460-1, ISSN:0094243X, DOI:10.1063/1.2806037, 35 - 46. SJR:0.146

Цитира се в:

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

138. **Nedjalkov, M.**, Vasileska, D., **Dimov, I. T.**, Arsov, G.. Mixed initial-boundary value problem in particle modeling of microelectronic devices. Monte Carlo Methods and Applications, 13, 4, De Gruyter, 2007, ISSN:ISSN (Print) 0929-9629; ISSN (Online) 1569-3961, DOI:10.1515/mcma.2007.017, 299 - 331. SJR:0.205

Цитира се в:

296. Sellier, J. M. (2015). A signed particle formulation of non-relativistic quantum mechanics. Journal of Computational Physics., Volume 297, 15 September 2015, Pages 254–265, **@2015**

139. Peneva, V., **Popchev, I.**. Aggregation of fuzzy preference relations to multicriteria decision making. Fuzzy Optimization and Decision Making, 6, 4, 2007, ISSN:1568-4539, 351 - 365

Цитира се в:

297. Wang, L. C., et al. "Intelligent Fashion Recommender System: Fuzzy Logic in Personalized Garment Design." Human-Machine Systems, IEEE Transactions on 45.1 : 95-109., **@2015**

298. Gagolewski, Marek, and Jan Lasek. "The use of fuzzy relations in the assessment of information resources producers' performance." Intelligent Systems' 2014. Springer International Publishing, 289-300., **@2015**

299. Khalida, Asma, and Mian Muhammad Awaisb. "Comparing distance to consensus of collective relations using OWA operators." Journal of Intelligent & Fuzzy Systems 28.4, **@2015**

140. Peneva, V., **Popchev, I.**. Aggregation of fuzzy relations using weighting function. Compt. Rend. Acad. Bulg. Sci, 60, 10, 2007, ISSN:1310-1331, 1047 - 1052. ISI IF:0.106

Цитира се в:

300. Atanassov, K., Szmidt, E., Kacprzyk, J., & Atanassova, V. (2015). INTUITIONISTIC FUZZY APPROACH TO THE PREFERENCE DEGREE ESTIMATIONS. COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, 68(1), 25-32, **@2015**

141. **Popov, P.**, Qin, G., Bi, L., Efendiev, Y., Ewing, R., Kang, Z., Li, J.. Multiscale Methods for Modeling Fluid Flow Through Naturally Fractured Carbonate Karst Reservoirs. SPE Annual Technical Conference and Exhibition, 11-14 November, Anaheim, California, U.S.A., Society of Petroleum Engineers, 2007

Цитира се в:

301. J. Galvis, G. Li, K. Shi, A generalized multiscale finite element method for the Brinkman equation, Journal of Computational and Applied Mathematics, Volume 280, 15 May 2015, Pages 294–309, **@2015**

302. J. He, J.E. Killough, F. Fadlelmula, M. Fraim, A Unified Finite Difference Model for The Simulation of Transient Flow in Naturally Fractured Carbonate Karst Reservoirs, SPE Reservoir Simulation Symposium, 23-25 February, Houston, Texas, USA, SPE-173262-MS, 2015, **@2015**

303. H. Burda, M. Hasal, An a posteriori error estimate for the Stokes-Brinkman problem in a polygonal domain, Programs and Algorithms of Numerical Mathematics. Proceedings of Seminar. Dolní Maxov, June 8-13, 2014. Institute of Mathematics AS CR, Prague, 2015. pp. 32-40, **@2015**

304. J. He, J.E. Killough, F. Fadlelmula, M. Fraim, Unified Finite Difference Modeling of Transient Flow in Naturally Fractured Carbonate Karst Reservoirs - A 3D Case Study, SPE Annual Technical Conference and Exhibition, 28-30 September, Houston, Texas, USA, 2015, DOI: SPE-175098-MS, **@2015**

305. D. Yuan, J. Hou, Z. Song, Y. Wang, M. Luo, Z. Zheng, Residual oil distribution characteristic of fractured-cavity carbonate reservoir after water flooding and enhanced oil recovery by N2 flooding of fractured-cavity carbonate reservoir, Journal of Petroleum Science and Engineering, Volume 129, May 2015, Pages 15–22, **@2015**

306. F. Fadlelmul, M. Fraim, J. He, J.E. Killough, Discrete Fracture-Vug Network Modeling in Naturally Fractured Vuggy Reservoirs Using Multiple-Point Geostatistics: A Micro-Scale Case, SPE Annual Technical Conference and Exhibition, 28-30 September, Houston, Texas, USA, 2015., **@2015**

142. **Tashev T.**, Vorobiov V.. Generalized Net Model for Non-Conflict Switch in Communication Node. Proceedings of International Workshop "Distributed Computer and Communication Networks - DCCN'2007", IPPI Publ., Russian Academy of Sciences, 2007, ISBN:978-5-901158-06-7, 158 - 163

Цитира се в:

307. Staykov B. Solving multicriteria optimization problems with WebOptim software system. Cybernetics and Information Technologies, Volume 15, Issue 3, 2015, Pages 165-177, ISSN : 1311-9702, DOI: 10.1515/cait-2015-0049, **@2015**

143. Stankov, S.M., **Marinov, P.**, Kutiev, I. Comparison of NeQuick, PIM, and TSM model results for the topside ionospheric plasma scale and transition heights. Advances in Space Research,, 39, 5, 2007, ISSN:0273-1177, DOI:DOI: 10.1016/j.asr.2006.10.023, 767 - 773. ISI IF:1.183

Цитира се в:

308. Qiao, Z., Yuan, Z.G., Qi, F., Huang, S.Y., Li, H.M., Li, H.M., Li, M., Wang, D.D. Statistical characteristics of the polar ionospheric scale height around the peak height of F<inf>2</inf> layer with observations of the ESR radar: Quiet days (2015) Science China Technological Sciences, 58 (4), pp. 687-694., **@2015**

309. Yu, X., Zhen, W., Xiong, B., She, C., Ou, M., Xu, J., Liu, D. The performance of ionospheric correction based on NeQuick 2 model adaptation to Global Ionospheric Maps (2015) Advances in Space Research, 55 (7), pp. 1741-1747, **@2015**

144. Warnant, R., Kutiev, I., **Marinov, P.**, Bavier, M., Lejeune, S.. Ionospheric and geomagnetic conditions during periods of degraded GPS position accuracy: 1. Monitoring variability in TEC which degrades the accuracy of Real-Time Kinematic GPS applications. Advances in Space Research, 39, 5, 2007, ISSN:0273-1177, DOI:DOI: 10.1016/j.asr.2006.03.044, 875 - 880. ISI IF:1.183

Цитира се в:

310. Xi, G., Zhu, F., Gan, Y., Jin, B. Research on the regional short-term ionospheric delay modeling and forecasting methodology for mid-latitude area (2015) GPS Solutions, 19 (3), pp. 457-465., **@2015**

145. 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:

311. Zhu, J., Zhao, B., Wan, W., Ning, B., Zhang, S. A new topside profiler based on Alouette/ISIS topside sounding (2015) Advances in Space Research, 56 (10), pp. 2080-2090., **@2015**

312. Wang, S., Huang, S., Fang, H. New method for deriving the topside ionospheric Vary-Chap scale height (2015) Radio Science, 50 (9), pp. 866-875, **@2015**

313. Huang, H., Chen, Y., Liu, L., Le, H., Wan, W. An empirical model of the topside plasma density around 600-km based on ROCSAT-1 and Hinotori observations (2015) Journal of Geophysical Research A: Space Physics, 120 (5), pp. 4052-4063., **@2015**

314. Qiao, Z., Yuan, Z.G., Qi, F., Huang, S.Y., Li, H.M., Li, H.M., Li, M., Wang, D.D. Statistical characteristics of the polar ionospheric scale height around the peak height of F<inf>2</inf> layer with observations of the ESR radar: Quiet days (2015) Science China Technological Sciences, 58 (4), pp. 687-694., **@2015**

315. Wang, S., Huang, S., Fang, H. Topside ionospheric Vary-Chap scale height retrieved from the COSMIC/FORMOSAT-3 data at midlatitudes (2015) Advances in Space Research, 56 (5), pp. 893-899., **@2015**

316. Tulasi Ram, S., Heelis, R., Gowtam, V.S., Ajith, K.K., Su, S.-Y. Unique latitudinal shape of ion upper transition height (HT) surface during deep solar minimum (2008-2009) (2015) Journal of Geophysical Research A: Space Physics, 120 (2), pp. 1419-1427, **@2015**

2008

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

Цитира се в:

317. Forghani-elahabad, M., & Mahdavi-Amiri, N. (2015). An improved algorithm for finding all upper boundary points in a stochastic-flow network. Applied Mathematical Modelling, doi: 10.10161/j.apm.2015.10.004, ISSN 0307-904X, IF 2.251, SJR 1.283., **@2015**

318. 李正平, & 冉天纲. (2015). 滑动窗口数据累加算法在提高核仪器安全性中的应用. 中国科学技术大学学报, 1, 009., **@2015**

319. Yang, Y. and Dai, D. and Cai, Y.-M. and Chen, W.-P. and Hou, Y. and Yang, F., Comprehensive risk assessment of soil heavy metals based on Monte Carlo simulation and case study, Huanjing Kexue/Environmental Science, 2015, 36(11), pp. 4225-4231, ISSN: 0250-3301, DOI: 10.13227/j.hjkx.2015.11.038, SJR: 0.160, **@2015**

320. 李正平, & 冉天纲. (2015). 滑动窗口数据累加算法在提高核仪器安全性中的应用. 中国科学技术大学学报, 1, 009. Translation: Li Zhengping, & Rantian Gang. (2015). Sliding window data accumulation algorithm to improve safety in nuclear instrumentation applications. University of Science and Technology of China, 1, 009., **@2015**

321. 杨阳, 代丹, 蔡怡敏, 陈卫平, 侯瑜, & 杨锋. (2015). 基于 Monte Carlo 模拟的土壤重金属综合风险评价与案例分析. 环境科学, 11, 041. Translation: Analysis based on Monte Carlo simulation of integrated risk evaluation of heavy metals in soil and case Yang Yang, on behalf of Dan, Cai Yimin, Chen Weiping, Hou Yu, & Yang Fan. (2015). Environmental Science, 11, 041., **@2015**

147. 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:

322. Schiff, K. "Heuristic algorithm for logistic decisions on optimal loading into transpor, Logistica 2, 2015, 686 – 693., **@2015**

148. Harizanov, S.. Stability of nonlinear subdivision schemes and multiresolutions. Master's Thesis, Jacobs University Bremen, Germany, 2008, 68

Цитира се в:

323. Santágueda, M. Métodos multiescala y aplicaciones: Esquemas de subdivisión. PhD Thesis, Universitat de València, Valencia, 2015., **@2015**

324. Siddiqi, S.S. and Noreen, T., 2015. Convexity preservation of six point C 2 interpolating subdivision scheme. Applied Mathematics and Computation, 265, pp.936-944. ISI IF:1.551, **@2015**

325. Aslam, M., 2015. 3-POINT NONLINEAR TERNARY INTERPOLATING SUBDIVISION SCHEMES. International Journal of Applied Mathematics, 28(4), pp.403-413., **@2015**

149. Georgiev, I., Kraus, J., **Margenov, S.**. Multilevel algorithms for Rannacher–Turek finite element approximation of 3D elliptic problems. Computing, 82, 4, Springer, 2008, ISSN:0010-485X, DOI:10.1007/s00607-008-0008-5, 217 - 239. SJR:0.5, ISI IF:0.593

Цитира се в:

326. B. Achchab, K. Bouihata, A. Guessab, G. Schmeisserc, A general approach to the construction of nonconforming finite elements on convex polytopes, Applied Mathematics and Computation, Vol. 268 (2015), 916–923, **@2015**

327. B. Achchab, A. Guessab, Y. Zaim, A new class of nonconforming finite elements on convex polytopes, , Applied Mathematics and Computation, Vol. 271 (2015), 657–668, **@2015**

150. Tagarev, T., Stankov, G., Bizov, L.. Interactive Simulations in Support of Decision Making on Defence Resource Allocation. Information & Security: An International Journal, 23, 1, Procon, 2008, ISSN:0861-5160, DOI:10.11610/isij.2311, 129 - 140

Цитира се в:

328. Shari Lynn Redden, The Effectiveness of Combining Simulation and Role Playing in Nursing Education, Doctoral Dissertation (Walden University, 2015), **@2015**

151. Arbenz, P., **Margenov, S.**, **Vutov, Y**. Parallel MMIC(0) preconditioning of 3D elliptic problems discretized by Rannacher–Turek finite elements. Computers & Mathematics with Applications, 55, 10, Elsevier, 2008, ISSN:0898-1221, 2197 - 2211. SJR:1.121, ISI IF:1.697

Цитира се в:

329. B. Achchab, K. Bouihata, A. Guessa,b G. Schmeisser, A new class of nonconforming finite elements for the enrichment of Q1 element on convex polytope, Applied Mathematics and Computation, Vol. 271 (2015), 657–668, **@2015**

330. B. Achchab, K. Bouihata, A. Guessab, G. Schmeisser, A general approach to the construction of nonconforming finite elements on convex polytopes, Applied Mathematics and Computation, Vol. 268 (2015), 916–923, **@2015**

152. Dimov, I.T., Philippe, B., **Karaivanova, A.**, Weihrauch, C.. Robustness and applicability of Markov chain Monte Carlo algorithms for eigenvalue problems. Applied Mathematical Modelling, 32, 8, Elsevier Inc., 2008, ISSN:0307-904X, DOI:http://dx.doi.org/10.1016/j.apm.2007.04.012, 1511 - 1529. SJR:1.283, ISI IF:2.251

Цитира се в:

331. Sudharsun, S. and Renganathan, M. and Sekar, K.R., Stock market component analysis using AHP and markovchain, ARPN Journal of Engineering and Applied Sciences, 2015, 10 (10), pp. 4508-4521, ISSN: 1819-6608, SJR: 0.213, **@2015**

332. Ji, H., & Li, Y. (2015). Monte Carlo Methods and Their Applications in Big Data Analysis. In Mathematical Problems in Data Science (pp. 125-139). Springer International Publishing., **@2015**

153. Raleva K. , D. Vasileska, S.M. Goodnick,, **Nedjalkov M.**. Modeling thermal effects in nanodevices. IEEE Transactions on Electron Devices, 55, 2008, DOI:doi:10.1109/TED.2008.921263, ISI IF:2.47

Цитира се в:

333. Maurer, L. N., et al. "Universal features of phonon transport in nanowires with correlated surface roughness." Applied Physics Letters 106.13 (2015): 133108., **@2015**

334. Chandran, KS Ravi. "Transient Joule heating of graphene, nanowires and filaments: Analytical model for current-induced temperature evolution including substrate and end effects." International Journal of Heat and Mass Transfer 88 (2015): 14-19., **@2015**

335. Pala, M. G., and A. Cresti. "Increase of self-heating effects in nanodevices induced by surface

roughness: A full-quantum study." Journal of Applied Physics 117.8 (2015): 084313., **@2015**

336. Muscato, Orazio, and Vincenza Di Stefano. "Electrothermal Transport in Silicon Carbide Semiconductors via a Hydrodynamic Model." SIAM Journal on Applied Mathematics 75.4 (2015): 1941-1964., **@2015**

337. Olsson, Kevin S., et al. "Temperature dependence of Brillouin light scattering spectra of acoustic phonons in silicon." Applied Physics Letters 106.5 (2015): 051906., **@2015**

338. Kamrani, Hamed, et al. "Electrothermal simulation of SiGe HBTs and investigation of experimental extraction methods for junction temperature." Simulation of Semiconductor Processes and Devices (SISPAD), 2015 International Conference, ISSN 1946-1569, pp. 108 - 111 2015., **@2015**

339. Nghiêm, TT Trang, J. Saint-Martin, and P. Dollfus. "Electro-thermal simulation based on coupled Boltzmann transport equations for electrons and phonons." Journal of Computational Electronics (2015): 1-13., **@2015**

340. Nghiem, Thi Thu Trang, Jerome Saint-Martin, and Philippe Dollfus. "Electrothermal simulation of ultra-scale MOSEFT." Simulation of Semiconductor Processes and Devices (SISPAD), 2015 International Conference on. IEEE, pp. 120-132, 2015., **@2015**

341. Ghazanfarian, Jafar, and Masood Moghaddam. "Dual-Phase-Lag Investigation of High-k Material in Novel Generation of Nanoscale MOS Devices.", **@2015**

154. Peneva, V., **Popchev, I.**. Fuzzy criteria importance with weighting functions. Compt. rend. Acad. bulg. Sci., 61, 3, 2008, ISSN:1310-1331, 293 - 300

Цитира се в:

342. Atanassov, K., Szmidt, E., Kacprzyk, J., & Atanassova, V. (2015). INTUITIONISTIC FUZZY APPROACH TO THE PREFERENCE DEGREE ESTIMATIONS. COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, 68(1), 25-32, **@2015**

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

Цитира се в:

343. Rajabi, Mohammad Mahdi, Behzad Ataie-Ashtiani, and Craig T. Simmons. "Polynomial chaos expansions for uncertainty propagation and moment independent sensitivity analysis of seawater intrusion simulations." Journal of Hydrology 520 (2015): 101-122., **@2015**

344. Tian, Yumiao, Maorong Ge, and Frank Neitzel. "Particle filter-based estimation of inter-frequency phase bias for real-time GLONASS integer ambiguity resolution." Journal of Geodesy 89, no. 11 (2015): 1145-1158., **@2015**

345. Acebrón, Juan A., and Marco A. Ribeiro. "A Monte Carlo method for solving the one-dimensional telegraph equations with boundary conditions." Journal of Computational Physics 305 (2016): 29-43., **@2015**

346. López, Iván, Mauricio Passeggi, and Liliana Borzacconi. "Validation of a simple kinetic modelling approach for agro-industrial waste anaerobic digesters." Chemical Engineering Journal 262 (2015): 509-516., **@2015**

347. Rajabi, Mohammad Mahdi, Behzad Ataie-Ashtiani, and Hans Janssen. "Efficiency enhancement of optimized Latin hypercube sampling strategies: Application to Monte Carlo uncertainty analysis and meta-modeling." Advances in Water Resources 76 (2015): 127-139., **@2015**

348. Ourbih-Tari, Megdouda, Arezki Zioui, and Abdelouhab Aloui. "Variance Reduction in the Simulation of a Stationary M/G/1 Queuing System Using Refined Descriptive Sampling." Communications in Statistics-Simulation and Computation just-accepted , DOI: 10.1080/03610918.2015.1096374(2015)., **@2015**

349. Cervenka, Johann, Paul Ellinghaus, and Mihail Nedjalkov. "Deterministic Solution of the Discrete Wigner Equation." In Numerical Methods and Applications, pp. 149-156. Springer International Publishing, 2015., **@2015**

350. Xiang, Youlin, Ping He, Shan Du, and Zucheng Dai. "Simulating Study of the Effects of the Color Pump Noise on the Two-mode Laser System." International Journal of Signal Processing, Image Processing and Pattern Recognition 8, no. 8 (2015): 33-42., **@2015**

351. Ourbih-Tari, Megdouda, and Sofia Guebli. "A comparison of methods for selecting values of simulation input variables." ESAIM: Probability and Statistics 19 (2015): 135-147., **@2015**

352. Cervenka, Johann, Paul Ellinghaus, Mihail Nedjalkov, and Erasmus Langer. "Optimization of the Deterministic Solution of the Discrete Wigner Equation." In Large-Scale Scientific Computing, pp. 269-276. Springer International Publishing, 2015., **@2015**

353. Weinbub, Josef, Paul Ellinghaus, and Mihail Nedjalkov. "Domain decomposition strategies for the two-dimensional Wigner Monte Carlo Method." Journal of Computational Electronics 14, no. 4 (2015): 922-929., **@2015**

354. Weinbub, Josef, Paul Ellinghaus, and Siegfried Selberherr. "Parallelization of the two-dimensional Wigner Monte Carlo method." In Large-Scale Scientific Computing, pp. 309-316. Springer International Publishing, 2015., **@2015**

355. Sreten Davidov, Miloš Pantoš, METODA ZA OCENJEVANJE IN VREDNOTENJE NALOŽB V ELEKTROENERGETSKO OMREŽJE, KONFERENCA SLOVENSKIH ELEKTROENERGETIKOV – Portorož , 2015, pp. 1-19,, **@2015**

356. Siswantoro, Joko, Anton Satria Prabuwono, Azizi Abdullah, and Bahari Idrus. "Pembangunan Kotak Pembatas 3D dari Beberapa Citra."SNASTIA'2015, ISSN 1979-3960, **@2015**

357. Santos, R. F., Miranda, T. S., Barbosa, J. A., Gomes, I. F., Matos, G. C., Gale, J. F., ... & Guimarães, L. J. (2015). Characterization of natural fracture systems: Analysis of uncertainty effects in linear scanline results. AAPG Bulletin, 99(12), 2203-2219., **@2015**

156. Rangasamy, P., Kuppannan, J., Atanassov, K.T., **Gluhchev, G.**. Role of fuzzy and intuitionistic fuzzy contrast intensification operators in enhancing images. Twelfth Int. Conf. on IFSs, Sofia, 17-18 May 2008, 14, 2, 2008, 59 - 66

Цитира се в:

358. Soundrapandiyan R., Ch. Mouli P.V.S.S.R: Perceptual Visualization Enhancement of Infrared Images Using Fuzzy Sets, Springer-Verlag Berlin Heidelberg 2015, Transactions on Computational Science XXV, LNCS 9030, pp 3-19, Date: 28 April 2015, DOI 10.1007/978-3-662-47074-9.1, ISBN(Online) 978-3-662-47074-9, , ISBN(Print) 978-3-662-47073-2, Series ISSN 0302-9743, **@2015**

157. **Stoilov T.**, **Stoilova K.**. Goal and predictive coordination in two level hierarchical systems. International Journal of General Systems, 37, 2, Taulor&Francis, 2008, ISSN:Print ISSN: 0308-1079; Online ISSN: 1563-5104, DOI:10.1080/03081070601143141, 181 - 213. ISI IF:1.637

Цитира се в:

359. Маслобоев А.В., Путилов В.А., Сютин А.В.. Координация в многоуровневых сетецентрических системах управления региональной безопасностью: подход и формальная модель. Журнал „Научно-технический вестник информационных технологий, механики и оптики", 2015, Том 15, № 1, ISSN 2226-1494, http://ntv.ifmo.ru/, **@2015**

360. Špačková O., Straub D. Cost-benefit analysis for optimization of risk protection under budget constraints. J. Risk Analysis, Vol.35 No5 May 2015, p. 931-940. IF 2,502, DOI: 10.1111/risa.12310, **@2015**

158. Iliev, O., Mikelić, A., **Popov, P.**. On Upscaling Certain Flows in Deformable Porous Media. , 2008, DOI:10.1137/06067732X, ISI IF:1.63

Цитира се в:

361. E. Rohan, V. Lukeš, Modeling nonlinear phenomena in deforming fluid-saturated porous media using homogenization and sensitivity analysis concepts, Applied Mathematics and Computation, Volume 267, 15 September 2015, Pages 583–595, **@2015**

159. **Stoilov T.**, **Stoilova K.**. Functional Analysis of Enterprise Resource Planning Systems. Proceeding of International Conference Computer, Systems and Technologies "CompSysTech 2008", ACM, 2008, ISBN:978-954-9641-52-3, DOI:10.1145/1500879.1500927, IIIB.8-1 - IIIB.8-6

Цитира се в:

362. Olson D., Johansson B., De Carvalho R. Open source ERP business model framework. J. Robotics and Computer-Integrated Manufacturing, Elsevier, 2015. doi:10.1016/j.rcim.2015.09.007, **@2015**

363. Kees A. Open Source Enterprise Software¸ (book), citation in chapter 2 "Free and Open Source Software", pp 25-38, 2015, Springer. DOI 10.1007/978-3-658-09805-6_3, Print ISBN 978-3-658-09804-9, Online ISBN 978-3-658-09805-6., **@2015**

160. Peneva, V., **Popchev, I.**. Multicriteria decision making based on fuzzy relations. Cybernetics and Information Technologies, 8, 4, 2008, ISSN:1311-9702, 3 - 12

Цитира се в:

364. Mardani, Abbas, Ahmad Jusoh, and Edmundas Kazimieras Zavadskas. "Fuzzy multiple criteria decision-making techniques and applications–Two decades review from 1994 to 2014." Expert Systems with Applications 42(8): 4126-4148., **@2015**

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

Цитира се в:

365. KAUR, Gurpreet; CHAUDHARY, Deepa. Semantic Web: A Boon for E-

learning.development. International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 7, July 2015, pp. 484-486., **@2015**

366. NGANJI, Julius T.; BRAYSHAW, Mike. Facilitating Learning Resource Retrieval for Students with Disabilities through an Ontology-Driven and Disability-Aware Virtual Learning Environment. International Journal of Information Retrieval Research (IJIRR), 2015, 5.3: 75-98, doi: 10.4018/IJIRR.2015070105, **@2015**

162. Drozdowicz M, Ganzha M, Kuranowski W, Paprzycki M, Alshabani I, Olejnik R, Taifour M, Senobari M, **Lirkov I**. Software Agents in ADAJ: Load Balancing in a Distributed Environment. Applications of Mathematics in Engineering and Economics'34, 1067, American Institute of Physics, 2008, ISSN:0094-243X, DOI:10.1063/1.3030827, 527 - 540. SJR:0.152

Цитира се в:

367. Nader Mohamed, Jameela Al-Jaroodi, MidCloud: An agent-based middleware for effective utilization of replicated Cloud services, Software Practice and Experience, Wiley Online Library, 45(3), 343-363, 2015. Impact Factor: 0.90. , **@2015**

163. **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:

368. García-Martínez, J. M., Garzón, E. M., Cecilia, J. M., Pérez-Sánchez, H., & Ortigosa, P. M., An efficient approach for solving the HP protein folding problem based on UEGO. Journal of Mathematical Chemistry, 53(3), ISSN: 0259-9791, IF 1.1452015, 794-806., **@2015**

369. N. Thilagavathi and T. Amudha. ACO-metaheuristic for 3D-HP protein folding optimization. ARPN Journal of Engineering and Applied Sciences, 10(11):4948-4953, 2015. SJR (SCImago Journal Rank) (2014) : 0.213, **@2015**

370. N. Thilagavathi and T. Amudha. Rank based ant algorithm for 2D-HP protein folding. Smart Innovation, Systems and Technologies, 33:441-451, 2015. , **@2015**

164. **Todorov, Y.**, Tsvetkov, Tsv.. Voltera model predictive control of a Lyophilization plant. Intelligent Systems, 2008. IS '08. 4th International IEEE Conference, 3, IEEE, 2008, DOI:10.1109/IS.2008.4670467, 20-13 - 20-18

Цитира се в:

371. Degachi H., C. Wassila, K. Moufida, Global optimization method for model predictive control based on Wiener model, 12th International Multi-Conference on Systems, Signals & Devices (SSD), 2015, DOI 10.1109/SSD.2015.7348174, pp. 1-6., **@2015**

372. Mortaza Aghbashloa, Soleiman Hosseinpoura, Arun S. Mujumdar, Application of Artificial Neural Networks (ANNs) in Drying Technology: A Comprehensive Review, Drying Technology: An International Journal, vol. 33(12), 2015, DOI 10.1080/07373937.2015.1036288, pp. 1397-1462., **@2015**

373. Xiaojun Wang, Chao Li, Xisong Chen, Disturbance rejection control for multiple-effect falling-film evaporator based on disturbance observer, SAGE Journals, Transactions of the Institute of Measurement and Control, ISSN 0142-3312, DOI 10.1177/0142331215597296,

2015., **@2015**

165. Peneva, V., **Popchev, I.**. Aggregation of fuzzy preference relations by composition. COMPTES RENDUS-ACADEMIE BULGARE DES SCIENCES, 59, 4, 2008, ISSN:1310-1331, 373 - 380. SJR:0.204, ISI IF:0.206

Цитира се в:

374. Khalida, Asma, and Mian Muhammad Awaisb. "Comparing distance to consensus of collective relations using OWA operators." Journal of Intelligent & Fuzzy Systems 28(4). DOI:10.3233/IFS-141450, **@2015**

166. **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:

375. N. Ma, R. Wang, Q. Han, Primary parametric resonance-primary resonance response of stiffened plates with moving boundary conditions, Nonlinear Dynamics 79 (2015) 2207-2223, DOI: 10.1007/s11071-014-1806-2, **@2015**

167. **Borissova, D.**, **Mustakerov, I.**. Multicriteria Choice of Night Vision Devices Considering the Impact of Their Performance Parameters. Int. J. Advanced Modeling and Optimization, 10, 1, 2008, ISSN:1841-4311, 81 - 93

Цитира се в:

376. Hamidul Islam, Margaret Jollands, Sujeeva Setunge, Muhammed A. Bhuiyan. Optimization approach of balancing life cycle cost and environmental impacts on residential building design. Energy and Buildings, ISSN: 0378-7788, Vol. 87, 2015, pp 282–292, **@2015**

377. Bantutov, E. Night Vision Devices? It is simple! ISBN-13: 978-3-659-63536-6, LAP LAMBERT Academic Publishing, 2015, pages: 124, **@2015**

2009

168. 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:

378. Fang, H., Oyama, K.-I., Cheng, C.Z. Plasma measurements in the space plasma operation chamber (SPOC) (2015) Chinese Journal of Physics, 53 (1), pp. 1-30., **@2015**

379. Chen, Y.-N., Xu, J.-S. Longitudinal structure of plasma density and its variations with season, solar activity and dip in the topside ionosphere (2015) Chinese Journal of Geophysics (Acta Geophysica Sinica), 58 (6), pp. 1843-1852., **@2015**

169. **Dimov, D.**, Laskov, L.. Cyclic Histogram Thresholding and Multithresholding. Proceedings of

CompSysTech'09, 433, ACM International Conference Proceeding Series, 2009, ISSN:1313-8936, II.5.1 - II.5.8

Цитира се в:

380. Devasia, T., P. Jacob, T. Thomas, Automatic Extraction and Localisation of Optic Disc in Colour Fundus Images, International Journal of Computer Science Issues (IJCSI), Vol. 12, Issue 3, pp. 146-154, 2015, ISSN (Print): 1694-0814, ISSN (Online): 1694-0784, **@2015**

170. Dochev, D., **Agre, G.**. Towards Semantic Web Enhanced Learning. Kecheng Liu (Ed.) Proceedings of the 1st International Conference on Knowledge Management and Information Sharing (KMIS 2009), Funchal, Madeira, Portugal, 6-8 October 2009, 2009, ISBN:978-989-674-013-9, 211 - 217

Цитира се в:

381. Gavriushenko, M.; Kankaanranta, M.; Neittaanmaki, P. Semantically enhanced decision support for learning management systems. IEEE International Conference on Semantic Computing (ICSC), 7-9 Feb. 2015, Anaheim, CA, USA, pp. 298 – 305, DOI: 10.1109/ICOSC.2015.7050823., **@2015**

171. **Lalande, S., Staykova, K., Chein M., Gutierrez A., Saraydaro**. Using Domain Knowledge to Speed up the Annotation of Digital Content with Conceptual Graphs. CYBERNETICS AND INFORMATION TECHNOLOGIES, 9, 3, 2009, ISSN:1311-9702, 29 - 45

Цитира се в:

382. ABDELKRIM BELOUED, STEFFEN LALANDE, PETER STOCKINGER. Modélisation et formalisation RDFS/OWL d'une ontologie de description audiovisuelle. Les Cahiers du Numérique, VOL 11/3 - 2015 - pp.39-70 - doi:10.3166/lcn.11.3.39-70, ISSN 1622-1494, **@2015**

172. Prokić, J., Nerbonne, J., Zhobov, V., **Osenova, P.**, **Simov, K.**, Zastrow, T., Hinrichs, E.. The Computational Analysis of Bulgarian Dialect Pronunciation. Serdica Journal of Computing, 2009, ISSN:1312-6555, 269 - 298

Цитира се в:

383. Hermann Moisl. Cluster Analysis for Corpus Linguistics. Walter de Gruyter GmbH & Co KG, 24.02.2015. ISBN 311036381X, 9783110363814, **@2015**

173. **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:

384. M.C. Bhuvaneswari, G. Subashini, "Introduction to Multi-objective Evolutionary Algorithms", Application of Evolutionary Algorithms for Multi-objective Optimization in VLSI and Embedded Systems , 2015, pp. 1-20, doi: 10.1007/978-81-322-1958-3_1, ISBN: 978-81-322-1957-6 (Print), ISBN: 978-81-322-1958-3 (Online), **@2015**

385. Lozano-Garzon C., M. Camelo, P. Vila, Y. Donoso, (2015), "A Multi-objective Routing Algorithm for Wireless Mesh Network in a Smart Cities Environment", Journal of Networks,

Vol 10, No 01 (2015), 60-69, Feb 2015, doi:10.4304/jnw.10.01.60-69, **@2015**

386. Bhuvana J., C. Aravindan, (2015), "Memetic algorithm with Preferential Local Search using adaptive weights for multi-objective optimization problems", Soft Computing, First online: 15. February 2015, pp. 1-24, doi: 10.1007/s00500-015-1593-9, **@2015**

387. Cai Q., L. Ma, M. Gong and D. Tian, (2015), "A survey on network community detection, based on evolutionary computation", International J. Bio-Inspired Computation, **@2015**

388. Cai Q., M. Gong, S. Ruan, Q. Miao and H. Du, (2015), "Network Structural Balance Based on Evolutionary Multiobjective Optimization: A Two-Step Approach", IEEE Transactions on Evolutionary Computation, 2015, Vol. 19, No. 6, pp. 903-916., **@2015**

389. Iqbal M., M. Naeem, A. Anpalagan, A. Ahmed and M. Azam, (2015), "Wireless Sensor Network Optimization: Multi-Objective Paradigm", Sensors 2015, 15(7), 17572-17620; doi:10.3390/s150717572, **@2015**

390. Vachhani, V.L., Dabhi, V.K., Prajapati, H.B., (2015), "Survey of multi objective evolutionary algorithms", International Conference on Circuit, Power and Computing Technologies (ICCPCT), IEEE, Nagercoil, 19-20 March 2015, INSPEC Accession Number: 15295587, pp. 1-9, doi: 10.1109/ICCPCT.2015.7159422, **@2015**

174. Bucur-Marcu, H., Fluri, Ph., **Tagarev, T.**. Defence Management: An Introduction. , DCAF, 2009, ISBN:978-92-9222-089-1, 212

Цитира се в:

391. Venelin Georgiev, "Embedding affordability assessments in military cost-benefit analysis: Defense Modernization in Bulgaria" in Francois Melese, Anke Richter, and Binyam Solomon, eds., Military Cost–Benefit Analysis: Theory and Practice (Abingdon, Oxon: Routledge, 2015), 335-347. ISBN 978-1-13-885042-2, **@2015**

392. Josef Procházka, "Challenges for Defence Planning – Business Process Optimisation and Performance Management," in Stan Anton and Iuliana Simona Ţuţuianu, eds., The Complex and Dynamic Nature of the Security Environment: Proceedings of the International Scientific Conference STRATEGIES XXI, vol. 2 (Bucharest: „Carol I" National Defence University, Centre for Defence and Security Strategic Studies, June 2015), 102-111, ISSN 2285-9896, ISSN-L 2285-8318, **@2015**

393. Василь В.Биченков, Анатолій І. Сбітнєв, Ігор В. Ушаков, "Оцінювання ефективності функціонування регресійної моделі, розробленої на основі алгоритму побудови моделі складної системи з використанням комбінаторного методу з обмеженою базою аргументів при побудові рівнянь першого ступеня," Modern Information Technologies in the Sphere of Security and Defence № 1 (22) (2015): 5-13. ISSN 2311-7249 (Print) / ISSN 2410-7336 (Online), **@2015**

175. **Tagarev, T.**, Tsachev, Ts., Zhivkov, N.. Formalizing the Optimization Problem in Long Term Capability Planning. Information & Security: An International Journal, 23, 1, Procon, 2009, ISSN:0861-5160, DOI:10.11610/isij.2309, 99 - 114

Цитира се в:

394. Andrzej Najgebauer, Ryszard Antkiewicz, Mariusz Chmielewski, Michał Dyk, Rafał Kasprzyk, Dariusz Pierzchała, Jarosław Rulka, Zbigniew Tarapata, "The Qualitative and

Quantitative Support Method for Capability Based Planning of Armed Forces Development," in Intelligent Information and Database Systems, eds., Ngoc Thanh Nguyen, Bogdan Trawiński, Raymond Kosala, Lecture Notes in Computer Science Volume 9012, (Springer, 2015), pp 212-223, ISBN: 978-3-319-15704-7 (Print) 978-3-319-15705-4 (Online), **@2015**

176. Georgiev, G., **Simov, K.**, **Osenova, P.**, Nakov, P.. Cross-lingual Adaptation as a Baseline: Adapting Maximum Entropy Models to Bulgarian. , 2009

Цитира се в:

395. Luchezar Jackov. Feature-Rich Part-Of-Speech Tagging Using Deep Syntactic and Semantic Analysis. In Proceedings of RANLP 2015, pp. 224-231. ISSN 1313-8502, **@2015**

177. 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:

396. Stoimenov, N., Advanced computing for energy efficiency of milling processes, Problems of Engineering Cybernetics and Robotics, vol.66, 2015, ISSN 0204-9848, pp.83-91, **@2015**

397. Stoimenov, N., Simulation of energy efficiency milling processes., International Conference "Robotics, Automation And Mechatronics" RAM 2015, November 5, 2015, ISSN 1314-4634, pp. 50-54, **@2015**

178. 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:

398. Z. Dostál, T. Kozubek, O. Vlach and T. Brzobohatý, Reorthogonalization-based stiffness preconditioning in FETI algorithms with applications to variational inequalities, Numerical Linear Algebra with Applications, DOI: 10.1002/nla.1994, 2015, **@2015**

399. V. Korneev, U. Langer, Dirichlet–Dirichlet Domain Decomposition Methods for Elliptic Problems: h and hp Finite Element Discretizations, World Scientific, 2015, ISBN: 978-9814578455, **@2015**

179. **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:

400. Bo Wang, Yue Dong, Jianghui Dong, Liping Wang, Structure design and system integration of 3D camera platform, Microsyst Technol, © Springer-Verlag Berlin Heidelberg 2015, DOI 10.1007/s00542-015-2575-7, **@2015**

180. Georgiev, G., Nakov, P., Ganchev, K., **Osenova, P.**, **Simov, K.**. Feature-Rich Named Entity Recognition for Bulgarian Using Conditional Random Fields. , 2009

Цитира се в:

401. KOEVA, Svetla; DIMITROVA, Tsvetana. Semantic and Syntactic Patterns of Bulgarian Multiword Names. Abstract of Presentation at PARSEME meeting, Valletta, 19-20 March 2015., **@2015**

181. 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:

402. Aliyari, H. et al, The Effects of FIFA 2015 Computer Games on Changes in Cognitive, Hormonal and Brain Waves Functions of Young Men Volunteers, Basic & Clinical Neuroscience, Vol. 6, No. 3, pp. 193-201, 2015, E-ISSN 2228-7442, SJR =0.16, **@2015**

182. Drozdowicz M, Ganzha M, Paprzycki M, Olejnik R, **Lirkov I**, Telegin P, Senobari M. Ontologies, Agents and the Grid: an Overview. Parallel, Distributed and Grid Computing for Engineering, 21, Saxe-Coburg Publications, 2009, ISBN:978-1-874672-41-8, ISSN:1759-3158, DOI:10.4203/csets.21.7, 117 - 140

Цитира се в:

403. Willner, A., Loughnane, R., & Magedanz, T. FIDDLE: Federated Infrastructure Discovery and Description Language. IEEE International Conference on Cloud Engineering (IC2E), 2015 465 - 471, **@2015**

183. 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:

404. Atanassov, K., Szmidt, E., Kacprzyk, J., & Atanassova, V. (2015). INTUITIONISTIC FUZZY APPROACH TO THE PREFERENCE DEGREE ESTIMATIONS. COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, 68(1), 25-32, **@2015**

405. Peeva, Ketty, and Mariana Durcheva. "CONSTRUCTING SOLUTION SET OF FUZZY LINEAR SYSTEMS OF EQUATIONS IN PRODUCT ALGEBRA."COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES 68(2), 165-174., **@2015**

184. Popov, P., Efendiev, Y., Qin, G.. Multiscale Modeling and Simulations of Flows in Naturally Fractured Karst Reservoirs. Communications in Computational Physics, 6, 1, Global-Science Press, 2009, ISSN:1815-2406, 162 - 184. ISI IF:1.943

Цитира се в:

406. S. Molins, Reactive Interfaces in Direct Numerical Simulation of Pore-Scale Processes, Reviews in Mineralogy & Geochemistry 14, Vol. 80 pp. 461-481, 2015, **@2015**

407. S. M. Agar, S. Geiger, Fundamental controls on fluid flow in carbonates: current workflows to emerging technologies, Geological Society, London, Special Publications 2015, v. 406, p. 1-59, doi: 10.1144/SP406.18, **@2015**

408. X. Yang, C. Liu, Y. Fang, R. Hinkle, H.-Y. Li, V. Bailey, B. Bond-Lamberty, Simulations of ecosystem hydrological processes using a unified multi-scale model, Ecological Modelling, Volume 296, 24 January 2015, Pages 93–101, **@2015**

409. P. Tomin, I. Lunati, Spatiotemporal adaptive multiphysics simulations of drainage-imbibition cycles, Computational Geosciences, pp 1-14, First online: 27 August 2015, **@2015**

410. R. Guibert, P. Horgue, G. Debenest, M. Quintard, A Comparison of Various Methods for the Numerical Evaluation of Porous Media Permeability Tensors from Pore-Scale Geometry, Mathematical Geosciences, pp 1-19, First online: 26 March 2015, **@2015**

411. J. He, J.E. Killough, F. Fadlelmula, M. Fraim, A Unified Finite Difference Model for The Simulation of Transient Flow in Naturally Fractured Carbonate Karst Reservoirs, SPE Reservoir Simulation Symposium, 23-25 February, Houston, Texas, USA, 2015, **@2015**

412. J. He, J.E. Killough, F. Fadlelmula, M. Fraim, Unified Finite Difference Modeling of Transient Flow in Naturally Fractured Carbonate Karst Reservoirs - A 3D Case Study, SPE Annual Technical Conference and Exhibition, 28-30 September, Houston, Texas, USA, 2015., **@2015**

413. P. Chen, X. Wang, H. Liu, Y. Huang, S. Chen, H. Zhang, A pressure-transient model for a fractured-vuggy carbonate reservoir with large-scale cave, Geosystem Engineering, Published online: 12 Oct 2015, DOI: 10.1080/12269328.2015.1093965, **@2015**

414. B. P. Muljadi, J. Narski, A. Lozinski, P. Degond, Nonconforming Multiscale Finite Element Method for Stokes Flows in Heterogeneous Media. Part I: Methodologies and Numerical Experiments, Multiscale Model. Simul., 13(4), Published online: 22 October 2015, 1146–1172, **@2015**

415. Y. Xia, H. Zhao-Qin, X. Yan-Ping, Y. Jun, L. Yang, G. Liang, Theoretical analysis of high flow conductivity of a fracture induced in HiWay fracturing, Acta Physica Sinica 2015, Vol. 64 Issue (13): 0134703, DOI: 10.7498/aps.64.134703, **@2015**

185. **Fidanova S**, **Lirkov I**. 3D protein structure prediction. J. Analele Universitatii de Vest din Timisoara, XLVII, 2, Universitatea de Vest din Timișoara, 2009, ISSN:1224-970X, 33 - 46

Цитира се в:

416. Sánchez-Guerrero, E., Hernández-Campos, M. E., Correa-Basurto, J., Lopez-Sanchez, P., & Tolentino-López, L. E. (2015). Three-dimensional structure and molecular dynamics studies of prorrenin/renin receptor: description of the active site. Molecular BioSystems, 11(9), 2520-2528., **@2015**

186. **Popov, P.**, Qin, L., Bi, L., Efendiev, Y., Ewing, R., Li, J.. Multiphysics and Multiscale Methods for Modeling Fluid Flow Through Naturally Fractured Carbonate Karst Reservoirs. Society of Petroleum Engineers, SPE Reservoir Evaluation & Engineering, 2009, DOI:10.2118/105378-PA, ISI IF:1.308

Цитира се в:

417. J. He, J.E. Killough, F. Fadlelmula, M. Fraim, A Unified Finite Difference Model for The Simulation of Transient Flow in Naturally Fractured Carbonate Karst Reservoirs, SPE Reservoir Simulation Symposium, 23-25 February, Houston, Texas, USA, 2015, **@2015**

418. J. He, J.E. Killough, F. Fadlelmula, M. Fraim, Unified Finite Difference Modeling of Transient Flow in Naturally Fractured Carbonate Karst Reservoirs - A 3D Case Study, SPE Annual Technical Conference and Exhibition, 28-30 September, Houston, Texas, USA, 2015., **@2015**

187. 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:

419. Peeva, Ketty, and Mariana Durcheva. "CONSTRUCTING SOLUTION SET OF FUZZY LINEAR SYSTEMS OF EQUATIONS IN PRODUCT ALGEBRA". COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES 68 (2): 165-174, ISSN 1310-1331., **@2015**

188. **Atanassova, L.**. A new intuitionistic fuzzy implication. Cybernetics and Information Technologies, 9, 2, 2009, 21 - 25

Цитира се в:

420. Angelova, N., Marinov, E., & Atanassov, K. (2015). Intuitionistic fuzzy implications and Kolmogorov's and Lukasiewisz–Tarski's axioms of logic. Notes on Intuitionistic Fuzzy Sets, 21(2), 35-42., **@2015**

421. Atanassov, K. (2015). Intuitionistic fuzzy logics as tools for evaluation of Data Mining processes. Knowledge-Based Systems, 80, 122-130., **@2015**

422. Angelova, Nora A., Atanassov, Krassimir T. "Intuitionistic Fuzzy Implications and the Axioms of Intuitionistic Logic." (2015). 9th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT), 30.06-03.07.2015, Gijon, Spain, pp. 1578–1584, doi:10.2991/ifsa-eusflat-15.2015.225., **@2015**

423. Rushdi, A. M., Zarouan, M., Alshehri, T. M., & Rushdi, M. A. (2015). A Modern Syllogistic Method in Intuitionistic Fuzzy Logic with Realistic Tautology. The Scientific World Journal, Volume 2015 (2015), Article ID 327390, 12 pages, http://dx.doi.org/10.1155/2015/327390, **@2015**

189. Chanev, A., **Simov, K.**, **Osenova, P.**, Marinov, S.. The BulTreeBank: Parsing and Conversion. , 2009

Цитира се в:

424. KÜBLER, Sandra; ZINSMEISTER, Heike. Corpus Linguistics and Linguistically Annotated Corpora. Bloomsbury Publishing, 2015, ISBN 9781441164476., **@2015**

190. **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:

425. Терзийска, М. Невронно-размити модели за целите на предсказващото управление, дисертационен труд за присъждане на образователната и научна степен "доктор", ИИКТ – БАН, София, 2015, **@2015**

191. 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:

426. Aghababaie, M., Khanahmadi, M., Beheshti, M., Developing a kinetic model for co-culture of

yogurt starter bacteria growth in pH controlled batch fermentation, Journal of Food Engineering, vol.166, 2015, pp.72-79; ISSN: 02608774; DOI: 10.1016/j.jfoodeng.2015.05.013; SJR 2014: 1.354; IF 2014: 2.771, **@2015**

427. Aghababaie, M., Khanahmadi, M., Beheshti, M., Developing a detailed kinetic model for the production of yogurt starter bacteria in single strain cultures, Food and Bioproducts Processing, vol.94, 2015, pp.657-667; ISSN: 09603085; DOI: 10.1016/j.fbp.2014.09.007; SJR 2014: 1.139; IF 2014: 2.474, **@2015**

192. Ganzha M, Paprzycki M, Drozdowicz M, Senobari M, **Lirkov I**, **Ivanovska S**, Olejnik R, Telegin P. Mirroring information within an agent-team-based intelligent Grid middleware; an overview and directions for system development. Scalable Computing: Practice and Experience, 10, 4, 2009, ISSN:1895-1767, 397 - 411. SJR:0.332

Цитира се в:

428. Nader Mohamed, Jameela Al-Jaroodi, MidCloud: An agent-based middleware for effective utilization of replicated Cloud services, Software Practice and Experience, Wiley Online Library, 45(3), 343-363, 2015. Impact Factor: 0.90, **@2015**

193. **Georgiev, K.**, Kosturski, N., **Margenov, S.**, Stary, J.. On adaptive time stepping for large-scale parabolic problems: Computer simulation of heat and mass transfer in vacuum freeze-drying. Journal of Computational and Applied Mathematics, 226, 2, Elsevier, 2009, ISSN:0377-0427, DOI:doi:10.1016/j.cam.2008.08.020, 268 - 274. SJR:1.104, ISI IF:1.266

Цитира се в:

429. G. Jannoun, E. Hachem, J. Veysset, T. Coupez, Anisotropic meshing with time-stepping control for unsteady convection-dominated problems, Applied Mathematical Modelling, Vol. 39 (7) (2015), 1899-1916, **@2015**

194. 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:

430. Wang, S., Huang, S., Fang, H. New method for deriving the topside ionospheric Vary-Chap scale height (2015) Radio Science, 50 (9), pp. 866-875., **@2015**

431. Huang, H., Chen, Y., Liu, L., Le, H., Wan, W. An empirical model of the topside plasma density around 600-km based on ROCSAT-1 and Hinotori observations (2015) Journal of Geophysical Research A: Space Physics, 120 (5), pp. 4052-4063., **@2015**

195. **Borissova, D.**, **Mustakerov, I.**. A generalized optimization method for night vision devices design considering stochastic external surveillance conditions. Applied Mathematical Modelling, 33, 11, 2009, ISSN:0307-904X, 4078 - 4085. ISI IF:2.326

Цитира се в:

432. Cai Bin, Cao Wei, Li Fei-ru, Fu Kang. Development status and prospect of military vehicle night driving equipment. Journal of Sichuan Ordnance, ISSN: 1006-0707, 2015 (6), pp. 29-32, **@2015**

433. Bantutov, E. Night Vision Devices? It is simple! ISBN-13: 978-3-659-63536-6, LAP LAMBERT Academic Publishing, 2015, pages: 124, **@2015**

196. Kosturski, N., **Margenov, S.**. MIC(0) preconditioning of 3D FEM problems on unstructured grids: conforming and non-conforming elements. Journal of Computational and Applied Mathematics, 226, 2, Elsevier, 2009, ISSN:0377-0427, DOI:doi:10.1016/j.cam.2008.08.033, 288 - 297. SJR:1.104, ISI IF:1.266

Цитира се в:

434. Явор Вутов, Паралелни итерационни методи за неконформни крайни елементи, Дисертация за присъждане на образователна и научна степен "Доктор" по научна специалност 01.01.13. "Математическо моделиране и приложение на математиката", професионално направление 4.5 "Математика", 2015, **@2015**

2010

197. Georgiev, I., Kraus, J., **Margenov, S.**. Multilevel Preconditioning of Crouzeix-Raviart 3D Pure Displacement Elasticity Problems. LNCS, 5910, Springer, 2010, ISBN:978-3-642-12535-5, 100 - 107. SJR:0.34

Цитира се в:

435. 25. A. Dorostkar, M. Neytchevaa, B. Lund, Numerical and computational aspects of some block-preconditioners for saddle point systems, Parallel Computing , Vol. 49 (2015), 164–178, **@2015**

198. Dimov, I. T., **Georgieva, R.**. Adaptive Monte Carlo Approach for Sensitivity Analysis. Sixth International Conference on Sensitivity Analysis of Model Output, 2, 6, Elsevier, 2010, ISBN:978-973-88936-2-7., ISSN:18770428, DOI:10.1016/j.sbspro.2010.05.158, SJR:0.16

Цитира се в:

436. Wudhikarn, R., Chakpitak, N., & Neubert, G. (2015). Use of an Analytic Network Process and Monte Carlo Analysis in New Product Formula Selection Decisions. Asia-Pacific Journal of Operational Research, 32(02), 1550007., **@2015**

199. Koprinkova-Hristova, P., Oubbati, M., Palm, G.. Adaptive critic design with echo state network. Proceedings of the IEEE International Conference on Systems, Man and Cybernetics, IEEE, 2010, ISBN:978-142446588-0, DOI:10.1109/ICSMC.2010.5641744, 1010 - 1015

Цитира се в:

437. Chen, X., Xie, P., Xiong, Y., He, Y., Wu, M., Two-Phase Iteration for Value Function Approximation and Hyperparameter Optimization in Gaussian-Kernel-Based Adaptive Critic Design, Mathematical Problems in Engineering, vol.2015, 2015, Article number 760459; ISSN: 1024123X; DOI: 10.1155/2015/760459; SJR 2014: 0.284; IF 2014: 0.762, **@2015**

438. Nico M. Schmidt, Sensorimotor Contingencies in Artificial Intelligence and Robotics, Dissertation submitted to the Faculty of Economics, Business Administration and Information Technology of the University of Zurich to obtain the degree of Doktor der Wissenschaften, Dr. sc. (corresponds to Doctor of Science, PhD), approved in April 2015;

http://dx.doi.org/10.5167/uzh-114184, **@2015**

200. **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:

439. Khaledi, K., Mahmoudi, E., Datcheva, M., König, D., & Schanz, T. (2015). Sensitivity analysis and parameter identification of a time dependent constitutive model for rock salt. Journal of Computational and Applied Mathematics, Volume 293, Pages: 128-138, ISSN: 0377-0427. DOI: 10.1016/j.cam.2015.03.049, **@2015**

440. Атанас Вълев Иванов, Статистическо моделиране на качеството на въздуха. Дисертация за присъждане на образователна и научна степен "Доктор". ПУ „Паисий Хилендарски", Факултет по математика и информатика, Катедра „Приложна математика и моделиране", Пловдив, 2015., **@2015**

201. **Ouzounov A.**. Cepstral Features and Text-Dependent Speaker Identification –A Comparative Study. Cybernetics and Information Technologies, 10, 1, 2010, ISSN:13119702, 13144081, 3 - 12. SJR:0.17

Цитира се в:

441. Kumar R. and S. Suguna, Analysis of mel based features for audio retrieval, ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 5, March 2015, pp.2167-2171; ISSN: 1819-6608., **@2015**

202. **Atanasova, T.**. E-Home – Data Aggregating for Increasing Energy Efficiency. Cooperative Science Workshop "Modeling and Control of Information Processes", High School of Telecommunication and Posts, 2010, ISSN:1314-2771, 69 - 75

Цитира се в:

442. Tashev T., Monov V., Tasheva R. Load optimization in a grid structure for parallel simulations of the throughput of a packet switch node, Journal "Information Technology and Control", John Atanasoff Society of Automatics and Informatics, ISSN 1312-2622, vol. 2, pp.23-30, **@2015**

203. Monachesi, P., Markus, T., Posea, V., Trausan-Matu, S., **Osenova, P.**, **Simov K.**. Supporting knowledge discovery in an e-learning environment having social components.. Technological Developments in Networking, Education and Automation., 2010, 157 - 162

Цитира се в:

443. WU Ran,HUANG Chao and LU Sheng-Qi.Intelligent E-Learning System Based on Multi-dimensional Recommendation[J].Computer Systems& Applications, 24(12):88-92, 2015., **@2015**

204. **Angelova, G**. Use of Domain Knowledge in the Automatic Extraction of Structured Representations from Patient-Related Texts. Conceptual Structures: From Information to Intelligence, in Lecture Notes in Computer Science series, 6208, Springer, 2010, ISBN:978-3-642-14196-6, ISSN:0302-9743, DOI:10.1007/978-3-642-14197-3_6, 14 - 27. SJR:0.329

Цитира се в:

444. Minkov, Einat. Event Extraction using Structured Learning and Rich Domain Knowledge: Application across Domains and Data Sources. ACM Transactions on Intelligent Systems and Technology (TIST) archive, Vol, 7 Issue 2, December 2015, Article No. 16, doi>10.1145/2801131, **@2015**

205. 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:

445. Aràndiga, F., Mulet, P. and Renau, V., 2015. Cell average image transform algorithms with exact error control. Numerical Algorithms, 69(1), pp.75-93. ISI IF:1.417, **@2015**

446. Santágueda, M. Métodos multiescala y aplicaciones: Esquemas de subdivisión. PhD Thesis, Universitat de València, Valencia, 2015., **@2015**

206. Tagarev, T., Ivanova, P.. Classic, Modern, and Post-Modern Approaches to Making Security Strategy. International Journal on Information Technologies and Security, 2, 1, Union of Scientists in Bulgaria, 2010, ISSN:1313-8251, 58 - 67

Цитира се в:

447. Mirjam Grandia, Deadly embrace: the decision paths to Uruzgan and Helmand, Doctoral Thesis (Faculty of Social and Behavioural Sciences, Leiden University, April 2015)., **@2015**

207. 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:

448. Teodora Fuior, "Building Integrity in Defence," Buletinul Universității Naționale de Apărare "Carol I" 1 (2015): 72-80. ISSN 2284-936X (print), 2284-9378 (online), **@2015**

449. Лидия Велкова, Корупцията – заплаха за икономическата сигурност (София: ДиоМира, 2015). ISBN 978-954-2977-22-3, **@2015**

208. Gegov,A., Petrov,N., **Vatchova,B.**. Advanced modeling of complex processes by rule based networks.. Proceedings of 5th IEEE International Conference on Intelligent Systems, 7–9 July, London, UK, 2010, 197 - 202

Цитира се в:

450. Jovanovic I., Miljanovic I., Jovanovic T. Soft computing-based modeling of flotation processes – A review. Minerals Engineering 84 (2015),pp. 34–63., **@2015**

209. Karastoyanov D.. Control of Robots and of other Mechatronic Systems. , Academy Publishing House - Prof. Mr. Drinov, 2010, ISBN:987-954-322-415-9, 326

Цитира се в:

451. Stoimenov, N., Advanced computing for energy efficiency of milling processes, Problems of Engineering Cybernetics and Robotics, vol.66, 2015, ISSN 0204-9848, pp.83-91, **@2015**

452. Stoimenov, N., Simulation of energy efficiency milling processes., International Conference "Robotics, Automation And Mechatronics" RAM 2015, November 5, 2015, ISSN 1314-4634, pp. 50-54, **@2015**

210. Ivanova, T., **Andreev, R.**, **Terzieva, V.**. Integration of Ontology with Development of Personalized E-Learning Facilities for Dyslexics. Proceedings of 14th International Conference, AIMSA 2010, LNAI 6304, Springer, 2010, ISBN:978-3-642-15430-0, 265 - 266. SJR:0.339

Цитира се в:

453. Alsobhi, Aisha and Khan, Nawaz and Rahanu, Harjinder. Personalised learning materials based on dyslexia types: ontological approach. In: Proceedings of 19th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, KES-2015, Singapore, Procedia Computer Science 60 (2015), 113 – 121, doi:10.1016/j.procs.2015.08.110, **@2015**

211. **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:

454. Xian Du, Nigel Kojimoto, and Brian W. Anthony, Concentric circular trajectory sampling for super-resolution and image mosaicing, Journal of the Optical Society of America A Vol. 32, Issue 2, pp. 293-304, (2015), doi: 10.1364/JOSAA.32.000293, **@2015**

212. Kirkov, R., **Agre, G.**. Source Code Analysis – an Overview. Cybernetics and Information Technologies, 10, 2, Bulgarian Academy of Sciences, 2010, ISSN:1311-9702, 60 - 77

Цитира се в:

455. Gosain, Anjana, and Ganga Sharma. Static Analysis: A Survey of Techniques and Tools. In : Intelligent Computing and Applications, 581-591, Springer India, 2015, **@2015**

213. **Fidanova S.**. An Improvement of the Grid-based Hydrophobic-hydrophilic Model,. Journal on Bioautomation, 14, 2, 2010, ISSN:1312-451X, 147 - 156. SJR:0.228

Цитира се в:

456. Mishra, Avdesh. "Three-Dimensional Ideal Gas Reference State based Energy Function." PhD thesis, University of New Orleans, USA, (2015)., **@2015**

214. **Kolchakov, K.**. An Approach for performance improvement of class of algorithms for synthesis of non-conflict schedule in the switch nodes. Proceedings of the 11th International Conference on Computer Systems and Technologies, CompSysTech'10; Sofia; Bulgaria; 17-18 June 2010, ICPS Vol. 471, ACM Press, 2010, ISBN:978-145030243-2, 235 - 239

Цитира се в:

457. Tashev, T., V. Monov, R. Tasheva, Load Optimization in a grid structure for parallel simulations of the throughput of a packet switch node, Journal Information Technologies and Control, pp. 23-30, 2015, The John Atanasoff Society of Automatics and Informatics, Sofia, Bulgaria. ISSN 1312-2622., **@2015**

215. Ivanova, T., **Terzieva V.**. Ontology Mapping Tools, Methods and Approaches – Analytical Survey. Proceedings of International Conference Software, Services & Semantic Technologies S3T 2010, Demetra, Sofia, 2010, ISBN:978-954-9526-71-4, 137 - 141

Цитира се в:

458. Saruladha, K., Arthi, J. Classification and Comparison of Ontology Matching Systems. Advances in Natural and Applied Sciences, 9(6) Special 2015, Pages: 497-505, ISSN: 1995-0772, **@2015**

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

Цитира се в:

459. VENNESLAND, Audun. e-Document Standards as Background Knowledge in Context-Based Ontology Matching. In: The Semantic Web. Latest Advances and New Domains. Springer International Publishing, 2015. p. 806-816, (in Scopus, Web of Knowledge)., **@2015**

460. Mehmet Aydar. Developing a Semantic Framework for Healthcare Information Interoperability. Kent State University, doctoral dissertation, 2015., **@2015**

217. **Fidanova S.**, Alba E., Molina G.. Hybrid ACO algorithm for the GPS surveying problem. Lecture Notes in Computer Science, 5910, Springer, 2010, ISSN:0377-0427, 318 - 325. SJR:0.339

Цитира се в:

461. Jaferi, F., & Sajadi, S. M. Finding the shortest route surveying through proposed genetic algorithm. International Journal of Productivity and Quality Management,SJR 0.360, 16(4), (2015) 434-444., **@2015**

218. **Bogdanova, V.**. Image Enhancement Using Retinex Algorithms and Epitomic Representation. Cybernetics and Information Technologies, 10, 3, IIT-BAS, Bulgaria, 2010, 10

Цитира се в:

462. Al-Ameen Z, Sulong G, A new algorithm for improving the low contrast of computed tomography images using tuned brightness controlled single ‐ scale Retinex, Scanning, Vol. 37, Issue 2, pp. 116–125, March/April 2015, doi: 10.1002/sca.21187. Epub 2015 Feb 62015 - Wiley Online Library, **@2015**

219. **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:

463. Колчаков, К., В. Монов. Сравнителен анализ на клас алгоритми за управление на трафик в кросбар комутатор, Доклад на Международната конференция “Автоматика и информатика 2015” , София, 4-7 октомври 2015г., стр. 23-26. Proceedings CD : ISSN 1313 – 1869., **@2015**

464. Kolchakov, K., V Monov. Adaptive algorithm for management by weight coefficients of the traffic in crossbar commutator. International Journal " Information Models and Analyses" Volume 4, Number 1, pp. 53-60, 2015., **@2015**

220. 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:

465. Pai, F. P., Hsu, I. C., & Chung, Y. C. (2015). Semantic web technology for agent interoperability: a proposed infrastructure. Applied Intelligence, 1-16., **@2015**

221. **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:

466. I. Dikaros, E. Sapountzakis, A. Argyridi, D. Papadopoulos, Generalized warping effect in the dynamic analysis of beams of arbitrary cross section, Proceedings of 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 2015, pp. 165-190, ISBN: 978-960-99994-7-2., **@2015**

467. V. Stojanović, Geometrically nonlinear vibrations of beams supported by a nonlinear elastic foundation with variable discontinuity, Communications in Nonlinear Science and Numerical Simulation 28 (2015) 66–80, DOI: 10.1016/j.cnsns.2015.04.002, **@2015**

468. 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 (2015) 1-10, DOI: 10.1007/s40430-015-0352-2, **@2015**

222. **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:

469. Samsó, R., Blázquez, J., Agulló, N., Grau, J., Torres, R., & García, J. (2015). Effect of bacteria density and accumulated inert solids on the effluent pollutant concentrations predicted by the constructed wetlands model BIO_PORE. Ecological Engineering, 80, 172-180., **@2015**

470. AMANDA J. ROGERS, PROCESS SYSTEMS ENGINEERING METHODS FOR THE DEVELOPMENT OF CONTINUOUS PHARMACEUTICAL MANUFACTURING PROCESSES (2015) A Dissertation submitted to the Graduate School-New Brunswick Rutgers, The State University of New Jersey in partial fulfillment of the requirements for the degree of Doctor of Philosophy, **@2015**

471. Perkó, Z. (2015). Sensitivity and Uncertainty Analysis of Coupled Reactor Physics Problems: Method Development for Multi-Physics in Reactors (Doctoral dissertation, TU Delft, Delft

University of Technology)., **@2015**

472. Xiaohui, H. Y., & Lu, D. G. (2015). An Advanced Point Estimate Method for Uncertainty and Sensitivity Analysis Using Nataf Transformation and Dimension-Reduction Integration. In Numerical Methods for Reliability and Safety Assessment (pp. 215-239). Springer International Publishing., **@2015**

473. Perkó, Z. (2015). Sensitivity and Uncertainty Analysis of Coupled Reactor Physics Problems: Method Development for Multi-Physics in Reactors (Doctoral dissertation, TU Delft, Delft University of Technology)., **@2015**

474. Moradi, A., Tootkaboni, M., & Pennell, K. G. (2015). A variance decomposition approach to uncertainty quantification and sensitivity analysis of the Johnson and Ettinger model. Journal of the Air & Waste Management Association, 65(2), 154-164., **@2015**

475. Rogers, A. (2015). Process systems engineering methods for the development of continuous pharmaceutical manufacturing processes (Doctoral dissertation, Rutgers University-Graduate School-New Brunswick)., **@2015**

223. Kolev V., Tsvetkova K, Tsvetkov M. Singular Value Decomposition of Images From Scanned Photographic Plates. Proc. of the VII Bulgarian-Serbian Astronomical Conference, 2010, ISBN:ISBN 978-86-89035-01, 187 - 200

Цитира се в:

476. Santoresh Kumar, Priti Rajput, Jyoti Lalotra, Tinni Sawhney, Effect of Singular Value Interpolation on the quality of Ultrasound Images, International Journal of Scientific and Technical Advancements, vol.1, issue 3, pp.101-104, ISSN: 2454-1532, 2015., **@2015**

477. J. SairaBanu, Rajasekhara Babu, Reeta Pandey, Parallel Implementation of Singular Value Decomposition (SVD) in Image Compression using Open Mp and Sparse Matrix Representation, vol.8, issue 13, pp. 1-10, Indian Journal of Science & Technology, DOI: 10.17485/ijst/2015/v8i13/59410, ISSN (Print) : 0974-6846, SJR 1.3, 2015., **@2015**

224. 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:

478. S. Jerez, F. Thais, I. Tobin, M. Wild, A. Colette, P. Yiou, R. Vautard. The CLIMIX model: A tool to create and evaluate spatially-resolved scenarios of photovoltaic and wind power development. Renewable and Sustainable Energy Reviews, ISSN: 1364-0321, Vol. 42, 2015, pp. 1-15, **@2015**

479. Dehghani, H., G. B. Gharepetian, B, Vahidi. Study of Effect of Wind DGs Place and Uncertainty on Reliability Indexes in Distribution Network. Conference: 9th Power Systems Protection and Control (PSPC 2015), At Tehran, pp. 1-8., **@2015**

480. Chowdhury, S., W.Tong, A. Mehmani, A. Messac. A Visually-Informed Decision-Making Platform for Wind Farm Layout Optimization. In Proc. of 11th World Congress on Structural and Multidisciplinary Optimization, 7 - 12 June 2015, Sydney Australia, pp. 1-6, **@2015**

481. Sarina Delphine Olivier Turner. Advancing Sustainability Research Using Mathematical Programming Techniques. PhD Thesis, 2015, Department of Mechanical and Industrial Engineering University of Toronto, pp. 1-165, **@2015**

482. Yousefbeigi, S. and I. S. Akmandor. Wind Farm Optimization. In International Symposium on Innovative Technologies in Engineering and Science. ISITES'2015, 3-5 June, Valencia, Spain, pp. 600-609. ISSN: 2148-7464, **@2015**

483. Rehman, S., S.S.A. Ali. Wind farm layout design using modified particle swarm optimization algorithm. In Renewable Energy Congress (IREC), 2015 6th International, pp.1-6, 24-26 March 2015, doi: 10.1109/IREC.2015.7110915, **@2015**

2011

225. Boytcheva, S.. Shallow Medication Extraction from Hospital Patient Records. Studies in Health Technology and Informatics series, 166, IOS Press, 2011, ISBN:978-1-60750-739-0, DOI:10.3233/978-1-60750-740-6-119, 119 - 128

Цитира се в:

484. Николова, Ивелина. "Анализиране на големи данни в социално-значими области: медицина и електронно обучение." Дисертация, ИИКТ-БАН, 2015, **@2015**

226. 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:

485. Hasanov Vejdi I., Aynur A. Ali, On convergence of three iterative methods for solving of the matrix equation X+ A^{*} X^{-1} A+ B^{*} X^{-1} B= Q, Computational and Applied Mathematics, 2015, DOI 10.1007/s40314-015-0215-6, Print ISSN 0101-8205, Online ISSN 1807-0302, Springer, Basel, 1-9., **@2015**

486. Hasanov Vejdi, Sevdzhan Hakkaev, Newton's Method for a Nonlinear Matrix Equation, Compt Rend Acad bulg. Sci., 68(8), 2015, ISSN 1310-1331, 973-982., **@2015**

227. Magdics, M., Szirmay-Kalos, L., Tóth, B., Csendesi, Á., **Penzov, A.A.**. Scatter Estimation for PET Reconstruction. LNCS, 6046, Springer, 2011, ISBN:9783-642-18465-9, DOI:10.1007/978-3-642-18466-6_8, 10, 77 - 86. SJR:0.34

Цитира се в:

487. Berker Y., Schulz V., Towards using scattered PET emission data for reconstruction of attenuation map in PET/MRI, EJNMMI Research, Springer open journal, doi: 10.1186/2197-7364-1-S1-A34., **@2015**

228. Popov, P., **Vutov, Y**, **Margenov, S.**, Iliev, O.. Finite Volume Discretization of Equations Describing Nonlinear Diffusion in Li-Ion Batteries. LNCS, 6046, Springer, 2011, ISBN:978-3-642-18465-9, ISSN:0302-9743, DOI:10.1007/978-3-642-18466-6, 338 - 346. SJR:0.34

Цитира се в:

488. 27. M. Taralov, Simulation of Degradation Processes in Lithium-Ion Batteries, Vom Fachbereich Mathematik der Technischen Universitat Kaiserslautern zur Verleihung des akademischen Grades Doktor der Naturwissenschaften, D386, 2015, **@2015**

489. O. Lass, S. Vokwein, Parameter identification for nonlinear elliptic parabolic systems with application in lithium-ion battery modeling, Computational Optimization and Applications, Vol. 62 (1) (2015), 217-239, **@2015**

229. Savkov, A., Laskova, L., **Osenova, P.**, **Simov, K.**, **Kancheva, St.**. A web-based morphological tagger for Bulgarian. , 2011, ISBN:978-80-263-0049-6, 126 - 137

Цитира се в:

490. Luchezar Jackov. Feature-Rich Part-Of-Speech Tagging Using Deep Syntactic and Semantic Analysis. In Proceedings of RANLP 2015, pp.224-23. ISSN 1313-8502, **@2015**

230. **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:

491. Faheem Ahmed Khanzada, "Public Private Partnership in the Management of Health Services in Pakistan," BMJ Open 5, Suppl. 1 (2015), DOI: 10.1136/bmjopen-2015-forum2015abstracts.29. ISSN 2044-6055, **@2015**

231. Efendiev, Y., Galvis, J., Lazarov, R., **Margenov, S.**, Ren, J.. Multiscale domain decomposition preconditioners for anisotropic high-contrast problems. ISC-Preprint-2011-05, Institute for Scientific mComputation, Texas A&M University, 2011

Цитира се в:

492. J.A. Asadova, Numerical solution of a system of independent three-point discrete equations with non-separated boundary conditions, Proceedings of IAM, Vol .4 (1) (2015), 58-69, **@2015**

493. K. R. Aida-zade , Ye. R. Ashrafova, Solving systems of differential equations of block structure with nonseparated boundary conditions, Journal of Applied and Industrial Mathematics, Vol. 9 (1) (2015), 1-10, **@2015**

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

Цитира се в:

494. Попчев И., Анализ на риска, Учебник за дистанционно обучение по дисциплина ВАЕВ 732 D "Анализ на риска", Нов български университет, 83 стр., 2015., **@2015**

233. **Djambazova, E.,**, Almgren, M.,, **Dimitrov, K.,**, Jonsson, E.. Emerging and Future Cyber Threats to Critical Systems. Lecture Notes in Computer Science, 6555, Springer Berlin Heidelberg, 2011, ISBN:978-3-642-19227-2, ISSN:0302-9743, DOI:10.1007/978-3-642-19228-9_4, 29 - 46. SJR:0.339

Цитира се в:

495. State of Cyber Security: Emerging Threats Landscape, I Alhaji Idi Babate, II Maryam Abdullahi Musa, III Aliyu Musa Kida, IV Musa Kalla Saidu I F.C.E. (Tech), Potiskum, Yobe Nigeria, II ATBU, Bauchi Nigeria, III Middlesex University London, United Kingdom, IV F.C.E. (T) Potiskum, Yobe Nigeria, IJARCST 2015, Vol. 3, Issue 1, 113-119, ISSN : 2347 - 8446 (Online), ISSN : 2347 - 9817, **@2015**

234. **Marinchev, I.**. Lifting and lowering the data from digital library "Virtual Encyclopedia of Bulgarian Iconography". CompSysTech '11 Proceedings of the 12th International Conference on Computer Systems and Technologies, 578, ACM New York, NY, USA, 2011, ISBN:978-1-4503-0917-2, DOI:10.1145/2023607.2023638, 179 - 184

Цитира се в:

496. G Shanshan, W Zhang, Z Shuai, M Cai, "Towards Building a Digital Library Service Metadata Model on the Semantic Web", International Journal of Database Theory and Application, Vol.8, No. 5 (2015), pp. 109-120, ISSN: 2005-4270 IJDTA, **@2015**

235. Ganzha, M., **Georgiev, K.**, **Lirkov, I.**, **Margenov, S.**, Paprzycki, M.. Highly Parallel Alternating Directions Algorithm for Time Dependent Problems. AIP Conf. Proc., 1404, 1, American In stitute of Physiscs, 2011, ISBN:978-0-7354-0976-7, DOI:10.1063/1.3659922, SJR:0.645

Цитира се в:

497. J.K. Wiens, J.M. Stockie, An efficient parallel immersed boundary algorithm using a pseudo-compressible fluid solver, Journal of Computational Physics, Vol. 281 (2015), 917–941, **@2015**

236. **Kosturski, N.**, **Margenov, S.**, **Vutov, Y**. Comparison of Two Techniques for Radiofrequency Hepatic Tumor Ablation through Numerical Simulation. AIP Conf. Proc., 1404, 1, American In stitute of Physiscs, 2011, DOI:10.1063/1.3659945, SJR:0.645

Цитира се в:

498. H.J. Schalkx, E.T. Petersen, Arterial and portal venous liver perfusion using selective spin labelling MRI, Eur. Radiol. 25 (2015), 1529-1540, **@2015**

237. 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, 1058 - 1066. SJR:0.874, ISI IF:0.939

Цитира се в:

499. Buyukkoroglu, T., G. Celebi, V. Dzhafarov, On the robust stability of polynomial matrix families, Electronic Journal of Linear Algebra, vol. 30, pp. 905-915, 2015. ISSN 1081-3810. DOI: http://dx.doi.org/10.13001/1081-3810.3093, **@2015**

238. **Nedjalkov M.**, Querlioz D, P. Dollfus, H. Kosina:. Wigner Function Approach. Nano-Electronic Devices: Semiclassical and Quantum Transport Modeling, Springer International Publishing, 2011, ISBN:978-1-4419-8839-3, DOI:doi:10.1007/978-1-4419-8840-9_5.

Цитира се в:

500. Dorda, Antonius, and Ferdinand Schürrer. "A WENO-solver combined with adaptive momentum discretization for the Wigner transport equation and its application to resonant tunneling diodes." Journal of computational physics 284 (2015): 95-116., **@2015**

501. Spisak, B. J., M. Wołoszyn, and D. Szydłowski. "Dynamical localisation of conduction electrons in one-dimensional disordered systems." Journal of Computational Electronics 14.4 (2015): 916-921., **@2015**

239. Drozdowicz M, Wasielewska K, Ganzha M, Paprzycki M, Attaui N, **Lirkov I**, Olejnik R, Petcu D, Bădică C. Ontology for contract negotiations in agent-based grid resource management system. Trends in Parallel, Distributed, Grid and Cloud Computing for Engineering, 27, Saxe-Coburg Publications, 2011, ISBN:978-1-874672-53-1, ISSN:1759-3158, DOI:10.4203/csets.27.15, 335 - 354

Цитира се в:

502. Luncean, L., & Becheru, A. (2015). Communication and interaction in a multi-agent system devised for transport brokering. In Proceedings of the 2015 Balkan Conference on Informatics: Advances in ICT (pp. 51-58)., **@2015**

240. Wasielewska K, Drozdowicz M, Ganzha M, Paprzycki M, Attaui N, Petcu D, Bădică C, Olejnik R, **Lirkov I**. Negotiations in an agent-based grid resource brokering systems. Trends in Parallel, Distributed, Grid and Cloud Computing for Engineering, 27, Saxe-Coburg Publications, 2011, ISBN:978-1-874672-53-1, ISSN:1759-3158, DOI:10.4203/csets.27.16, 355 - 374

Цитира се в:

503. Luncean, L., & Becheru, A. (2015). Communication and interaction in a multi-agent system devised for transport brokering. In Proceedings of the 2015 Balkan Conference on Informatics: Advances in ICT (pp. 51-58)., **@2015**

241. **Atanassov, E.**, **Gurov, T.**, **Karaivanova, A.**. Capabilities of the HPC cluster at IICT-BAS. Automatika and Informatika, 2, 2011, ISSN:ISSN 0861 -7562, 7 - 11

Цитира се в:

504. Cvijetic, I.N., Muhammet Tanç, Ivan O. Juranić, Tatjana Verbić, Claudiu T. Supuran, Branko J. Drakulić, 5-Aryl-1H-pyrazole-3-carboxylic acids as selective inhibitors of human carbonic anhydrases IX and XII, Bioorganic & Medicinal Chemistry (2015), Volume 23, Issue 15, 1 August 2015, Pages 4649–4659, Elsevier, doi: http://dx.doi.org/10.1016/j.bmc.2015.05.052, Impact Factor 2.793 (2014), **@2015**

505. Ilija N. Cvijetić, Muhammet Tanç, Ivan O. Juranić, Tatjana Ž. Verbić, Claudiu T. Supuran*,Branko J. Drakulić, Interactions of 5-aryl-1H-pyrazole-3-carboxylic acids with four human carbonic anhydrase isoforms - a molecular modelling perspective, J. Organska hemija / Organic Chemistry, 52. savetovanje Srpskog hemijskog društva, Novi Sad, 29. i 30. maj 2015, pp.90-95., **@2015**

242. 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:

506. Ahmad, S., Adnan, A., Khan, G., & Mehmood, N. Emotions, Age, and Gender Based Cognitive Skills Calculations, International Journal of Computer Theory and Engineering, vol. 7, no. 1, February, pp.76-80, 2015, DOI: 10.7763/IJCTE.2015.V7.934, ISSN: 1793-8201, **@2015**

243. Boyadzieva, D., **Gluhchev. G.**. Feature set selection for on-line signatures using selection of regression variables. Pattern Recognition and Machine Intelligence, 6744, Springer Berlin Heidelberg,

2011, ISSN:0302-9743, DOI:10.1007/978-3-642-21786-9_71, 440 - 445

Цитира се в:

507. Zulkarnain, Z., M.S.M. Rahim, N.Z.S. Othman: Feature Selection Method For Offline Signature Verification, Jurnal Teknologi 2015 - jurnalteknologi.utm.my, Vol 75, No 4, pp 79-84, DOI: http://dx.doi.org/10.11113/jt.v75.5070, E-ISSN 2180-3722, **@2015**

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

Цитира се в:

508. Das, P. P., Chakraborty, N., & Allayear, S. M. (2015, May). Optimal coverage of Wireless Sensor Network using Termite Colony Optimization Algorithm. In Electrical Engineering and Information Communication Technology (ICEEICT), 2015 International Conference on (pp. 1-6). IEEE., **@2015**

245. Kosturski, N., **Margenov, S.**, Vutov, Y.. Comparison of Two Techniques for Radio-frequency Hepatic Tumor Ablation through Numerical Simulation. APPLICATION OF MATHEMATICS IN TECHNICAL AND NATURAL SCIENCES, 1404, AIP Conference Proceedings, 2011, ISBN:978-0-7354-0976-7, DOI:10.1063/1.3659945, 431 - 437. SJR:0.15

Цитира се в:

509. Schalkx, H.J., Petersen, E.T., Peters, N.H., Veldhuis, W.B., van Leeuwen, M.S., Pluim, J.P., van den Bosch, M.A. and van Stralen, M., 2015. Arterial and portal venous liver perfusion using selective spin labelling MRI. European radiology, 25(6), pp.1529-1540., **@2015**

246. 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:

510. Alexandrov, A. Ad-hoc Kalman Filter Based Fusion Algorithm for Real-Time Wireless Sensor Data Integration. Flexible Query Answering Systems 2015, Volume 400 of the series Advances in Intelligent Systems and Computing, Springer International Publishing, pp 151-159, 2015., **@2015**

511. Marinov M.B., Nikolov G.T., Ganev B.T. Wireless Sensor Network-based Illumination Control. Annual journal of electronics, TU-Sofia, Bulgaria, 2015, Volume 9, pp.155-158. ISSN 1314-0078, **@2015**

247. Simov, K., **Osenova, P.**, Laskova, L., Savkov, Al., **Kancheva, St.**. Bulgarian-English Parallel Treebank: Word and Semantic Level Alignment. , 2011

Цитира се в:

512. SANGUINETTI, Manuela; BOSCO, Cristina. PartTUT: The Turin University Parallel Treebank. In: Harmonization and Development of Resources and Tools for Italian Natural Language Processing within the PARLI Project. Springer International Publishing, 2015. p. 51-69, ISBN: 978-3-319-14205-0 (Print) 978-3-319-14206-7 (Online), (in Scopus)., **@2015**

248. 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=+/- 1. Appl. Comput. Math, 10, 3, AZERBAIJAN NATIONAL ACAD SCI, 2011, ISSN:1683-3511, 409 - 427. ISI IF:0.551

Цитира се в:

513. Hasanov Vejdi, Sevdzhan Hakkaev, Newton's Method for a Nonlinear Matrix Equation, Compt Rend Acad bulg. Sci., 68(8), 2015, ISSN 1310-1331, 973-982., **@2015**

514. Ali, A. A., and Hasanov, V. I. On some sufficient conditions for the existence of a positive definite solution of the matrix equation X+ A* X− 1A− B* X− 1B= I. In 41ST INTERNATIONAL CONFERENCE "APPLICATIONS OF MATHEMATICS IN ENGINEERING AND ECONOMICS" AMEE'15 (Vol. 1690, p. 060001). AIP Publishing., **@2015**

249. Gegov,A., Petrov,N., **Vatchova,B.**, Sanders,D.. Advanced modelling of complex processes by fuzzy networks. , 10, 10, WSEAS Transactions on Circuits and Systems, 2011, ISSN:1109-2734, 319 - 330. SJR:0.399

Цитира се в:

515. Jovanovic I., Miljanovic I., Jovanovic T. Soft computing-based modeling of flotation processes – A review. Minerals Engineering 84 (2015),pp. 34–63., **@2015**

250. **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:

516. I. Chatjigeorgiou, Second-order nonlinear dynamics of catenary pipelines subjected to bi-chromatic excitations, Applied Mathematical Modelling 39 (2015) 2363-2384, DOI: 10.1016/j.apm.2014.11.010, **@2015**

517. V. Krishna, L. Rao, Stability Analysis of 3D Beams, Physics Journal 1 (2015) 62-70., **@2015**

518. I. Chatjigeorgiou, Double frequency response of catenary risers, Proceedings of 7th International Conference on Hydroelasticity in Marine Technology (2015), ISBN: 978-953-95746-2-6, pp. 673-686., **@2015**

519. I. Chatjigeorgiou, Solution of the nonlinear sum-frequency excitation problem of catenary pipelines using a frequency domain approach, Towards Green Marine Technology and Transport (2015), ISBN: 978-1-138-02887-6, pp 263-271., **@2015**

251. 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:

520. Jansen B. M. P., S. Kratsch, (2015), Chapter: "A Structural Approach to Kernels for ILPs: Treewidth and Total Unimodularity", Book Title: Algorithms - ESA 2015, Volume 9294 of the series Lecture Notes in Computer Science, pp. 779-791, **@2015**

521. Wu H., (2015), "Maximum margin clustering for state decomposition of metastable systems",

Neurocomputing, vol. 164, 21. September 2015, pp. 5-22. doi:10.1016/j.neucom.2014.12.093, **@2015**

252. **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:

522. F. Bekhoucha, S. Rechak, L. Duigou, J.-M. Cadou, Branch switching at Hopf bifurcation analysis via asymptotic numerical method: Application to nonlinear free vibrations of rotating beams, Communications in Nonlinear Science and Numerical Simulation 22 (2015) 716–730, DOI: 10.1016/j.cnsns.2014.09.001, **@2015**

523. Y. Chen, J. Jiang, Effects of Forward/Backward Whirl Mechanism on Nonlinear Normal Modes of a Rotor/Stator Rubbing System, Journal of Vibration and Acoustics, Transactions of the ASME 137 (2015), Paper No: VIB-14-1408, DOI: 10.1115/1.4030347, **@2015**

524. Li-Qun Chen, Guo-Ce Zhang, Hu Ding, Internal resonance in forced vibration of coupled cantilevers subjected to magnetic interaction, Journal of Sound and Vibration 354 (2015) 196–218, DOI: 10.1016/j.jsv.2015.06.010, **@2015**

253. Ganzha M, **Georgiev K**, **Lirkov I**, **Margenov S**, Paprzycki M. Highly parallel alternating directions algorithm for time dependent problems. Application of Mathematics in Technical and Natural Sciences, 1404, American Institute of Physics, 2011, ISBN:978-0-7354-0976-7, ISSN:0094-243X, DOI:10.1063/1.3659922, 210 - 217. SJR:0.152

Цитира се в:

525. J.K. Wiens and J.M. Stockie. An efficient parallel immersed boundary algorithm using a pseudo-compressible fluid solver. Journal of Computational Physics, 281:917-941, 2015. , **@2015**

254. **Todorov, Y.**, Petrov, M.. Model predictive control of a lyophilization plant: a simplified approach using Wiener and Hammerstein systems. Journal of Control and Intelligent Systems, 39, 1, ACTA Press, 2011, DOI:10.2316/Journal.201.2011.1.201-2183, 23 - 32. SJR:0.268

Цитира се в:

526. Serena Boscaa, Antonello A. Barresi, Davide Fissorea, Design of a Robust Soft-Sensor to Monitor In-Line a Freeze-Drying Process, Drying Technology: An International Journal, vol. 33(9), DOI:10.1080/07373937.2014.982250, 2015, pp. 1039-1050., **@2015**

255. 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:

527. Ivanovic, M., Simic, V., Stojanovic, B., Kaplarevic-Malisic, A. and Branko Marovic, B., Elastic grid resource provisioning with WoBinGO: A parallel framework for genetic algorithm based optimization, Future Generation Computer Systems, 42, 2015, pp. 44 - 54, DOI:

http://dx.doi.org/10.1016/j.future.2014.09.004, ISSN: 0167-739X, IF: 2.786, **@2015**

528. Nikolić, M. and Hajduković, M. and Milašinović, D.D. and Goleš, D. and Marić, P. and Živanov, Z., Hybrid MPI/OpenMP cloud parallelization of harmonic coupled finite strip method applied on reinforced concrete prismatic shell structure, Advances in Engineering Software, 2015, 84, pp. 55-67, ISSN: 0965-9978, DOI: 10.1016/j.advengsoft.2014.12.006, IF: 1.402, **@2015**

529. Indalecio, G. and Gomez-Folgar, F. and Garcia-Loureiro, A.J., General Workload Manager: A task manager as a service, 2015 IEEE International Conference on Communication Workshop, ICCW 2015, 2015, pp. 1859-1864, DOI: 10.1109/ICCW.2015.7247451, **@2015**

256. **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:

530. Pedro Henrique D. Valle, Ellen F. Barbosa, José C. Maldonado. Um Mapeamento Sistemático Sobre Ensino de Teste de Software. Anais do XXVI Simpósio Brasileiro de Informática na Educação (SBIE 2015). DOI: 10.5753/cbie.sbie.2015.71, **@2015**

531. Arif M., M. Illahi, A. Karim, S. Shamshirband, K. A. Alam,S.Farid, S. Iqbal, Z. Buang, V. E. Balas. An architecture of agent-based multi-layer interactive e-learning and e-testing platform. Quality & Quantity. Print ISSN 0033-5177, DOI 10.1007/s11135-014-0121-9, 2015, Vol. 49(6), pp. 2435-2458, **@2015**

257. **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:

532. Колчаков, К., В. Монов. Сравнителен анализ на клас алгоритми за управление на трафик в кросбар комутатор, Доклад на Международната конференция "Автоматика и информатика 2015" , София, 4-7 октомври 2015г., стр. 23-26. Proceedings CD : ISSN 1313 – 1869., **@2015**

258. **Kirilov, L**, **Guliashki, V.**. An Interactive Evolutionary Method FIEM for Solving Integer Multiple Objective Problems. Comptes Rendus de l'Academie Bulgare des Sciences, 64, 2, Prof. Marin Drinov Academic Publishing House, 2011, ISSN:1310-1331, 201 - 210. ISI IF:0.204

Цитира се в:

533. Staykov B., (2015), "Solving Multicriteria Optimization Problems with WebOptim Software System", Cybernetics and Information Technologies, Vol. 15, Issue 3 (October 2015), ISSN (Online): 1314-4081, pages 165–177, DOI: 10.1515/cait-2015-0049, **@2015**

259. **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:

534. Di, Y., Popovic, J. and Runborg, O., 2015. AN ADAPTIVE FAST INTERFACE TRACKING METHOD. Journal of Computational Mathematics, 33(6)., **@2015**

2012

260. 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

Цитира се в:

535. Madadi, M., S. Escalera, J. Gonzàlez, F. X. Roca, F. Lumbreras, Multi-part body segmentation based on depth maps for soft biometry analysis, Pattern Recognition Letters, Vol. 56, pp. 14–21, 15 April 2015, DOI: 10.1016/j.patrec.2015.01.012, ISSN: 0167-8655, **@2015**

261. **Stoilova K.**, **Stoilov T.**. Hierarchical optimization for fast resource allocation. book "Time Management" Edited by Todor Stoilov, InTech, 2012, ISBN:978-953-51-0335-6, 16, 31 - 46

Цитира се в:

536. Abdelghani M and Melnikov A(2015) On Macrohedging Problem in Semimartingale Markets. Front. Appl. Math. Stat. 1:3. 2015 doi:10.3389/fams.2015.00003, p.3-13, **@2015**

262. **Boytcheva, S.**, **Angelova, G.**, **Nikolova, I.**. Automatic Analysis of Patient History Episodes in Bulgarian Hospital Discharge Letters. Proc. of the Demonstrations at the 13th Conf.of the European Chapter of ACL, 1, The Association for Computational Linguistics, 2012, ISBN:978-1-937284-19-0, 77 - 81

Цитира се в:

537. Velupillai S, Mowery D, South BR, Kvist M, Dalianis H. Recent Advances in Clinical Natural Language Processing in Support of Semantic Analysis. Yearbook of Medical Informatics. 2015;10(1):183-193. doi:10.15265/IY-2015-009., **@2015**

263. **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

Цитира се в:

538. Luigi Coppolino, Salvatore D'Antonio, Valerio Formicola, and Luigi Romano, "Applying Extensions of Evidence Theory to Detect Frauds in Financial Infrastructures", International Journal of Distributed Sensor Networks,Volume 2015, Article ID 980629, 16 pages., **@2015**

539. F. Haouas Z. Ben Dhiaf , "New contributions into the Dezert-Smarandache theory: Application to remote sensing image classification", 6th International Conference on Soft Computing and Pattern Recognition, 12 January 2015, Article number 7008026, Pages 319-324, **@2015**

540. El-Mahassni, E., White K., "A Discussion of Dempster-Shafer Theory and its Application to Identification Fusion", Corporate Author : DEFENCE SCIENCE AND TECHNOLOGY

GROUP EDINBURGH (AUSTRALIA), Technical Note, Accession Number : ADA621365, **@2015**

264. **Todorov, Y.**, Nacheva, I., Miteva, D., Loginovska, K., Tsvetvkov, 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

Цитира се в:

541. Datta S., A. Das, S. Basfore, T. Seth, Value Addition of Fruits and Vegetables Through Drying and Dehydration, Value Addition of Horticultural Crops: Recent Trends and Future Directions, Springer, 2015, ISBN 978-81-322-2261-3, DOI 10.1007/978-81-322-2262-0_10, pp. 179-189., **@2015**

265. **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:

542. Donders, W.P., Huberts, W., van de Vosse, F.N., Delhaas, T., Personalization of models with many model parameters: an efficient sensitivity analysis approach, International Journal for Numerical Methods in Biomedical Engineering, Volume 31, Issue 10, 2015, John Wiley & Sons. DOI: 10.1002/cnm.2727, **@2015**

266. **Liolios, K.**, Moutsopoulos, K., Tsihrintzis, V.. Modeling of flow and BOD fate in horizontal subsurface flow constructed wetlands. Chemical Engineering Journal, 200-202, Elsevier B.V., 2012, ISSN:1385-8947, DOI:http://dx.doi.org/10.1016/j.cej.2012.06.101, 681 - 693. SJR:1.585, ISI IF:4.321

Цитира се в:

543. Samsó, R., Meyer, D., & García, J. (2015). Subsurface Flow Constructed Wetland Models: Review and Prospects. In The Role of Natural and Constructed Wetlands in Nutrient Cycling and Retention on the Landscape (pp. 149-174). Springer International Publishing., **@2015**

544. Rajabzadeh, A. R., Legge, R. L., & Weber, K. P. (2015). Multiphysics modelling of flow dynamics, biofilm development and wastewater treatment in a subsurface vertical flow constructed wetland mesocosm. Ecological Engineering, 74, 107-116., **@2015**

545. Zhang, S., Li, G., Li, X., & Tao, L. (2015). Multiple linear modeling of outflow nitrogen dynamics in vertical-flow constructed wetlands under two different operating states. Ecological Engineering, 81, 53-61., **@2015**

546. Ding Y., He S., Song Z., Bai S., Xie Q. and You S. (2015). Numerical simulations of flow field and analyses of optimal structure for horizontal subsurface flow constructed wetlands. Chinese Journal of Environmental Engineering. vol. 9(7), pp. 3209-3214., **@2015**

267. 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:

547. El-Mahassni, E., White, K., A Discussion of Dempster-Shafer Theory and its Application to Identification Fusion, Accession Number : ADA621365, Technical note, Corporate Author :

DEFENCE SCIENCE AND TECHNOLOGY GROUP EDINBURGH (AUSTRALIA), 2015, **@2015**

548. Fanglu Guo, Sandeep Bhatkar, Kevin Roundy, "Systems and methods for reducing false positives when using event-correlation graphs to detect attacks on computing systems", Assignee: Symantec Corporation (Mountain View, CA), Family ID: 1000000395992, Appl. No.: 14/031,044, US Patent 9,166,997, 2015, **@2015**

549. Wojciech Jamrozik, " Contextual reliability discounting in welding process diagnostic based on DSmT", Expert Systems Journal, Volume 32, Issue 2, pages 192–202, April 2015, **@2015**

550. 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, Date: 17 July 2015, **@2015**

551. Acar Tamersoy, Kevin Roundy, Sandeep Bhatkar, Elias Khalil, "Systems and methods for adjusting suspiciousness scores in event-correlation graphs", USA Patent, Publication number US9148441 B1, 2015, **@2015**

552. Harb, M.M. De Vecchi, D. Dell'Acqua, F. "Phisical Vulnerability Proxies from Remotes Sensing: Reviewing, Implementing and Disseminating Selected Techniques", IEEE Geoscience and Remote Sensing Magazine 03/2015; 3(1):20-33. DOI: 10.1109/MGRS.2015.2398672, **@2015**

553. Ilin, R., Zhang, J., "Information Fusion with Topological Event Spaces", 18th International Conference on Information Fusion, Washington, DC - July 6-9, 2015, pp.2092-2099., **@2015**

554. Bi, K., Xing, Y., Wang, X., "Fuzzy clustering ensemble based on fuzzy measure and DS evidence theory", Kongzhi yu Juece/Control and Decision 05/2015; 30(5):823-830. DOI: 10.13195/j.kzyjc.2014.0358, **@2015**

555. Herzig, S., "A Bayesian Learning Approach to Inconsistency Identification in Model-Based Systems Engineering", PhD., Georgia Institute of Technology, Thesis for: Doctor of Philosophy (Ph.D.), Mechanical Engineering, Advisor: Christiaan J. J. Paredis, 2015, **@2015**

268. **Osenova, P.**, **Simov, K.**. The Political Speech Corpus of Bulgarian. LREC 2012, 2012, ISSN:978-2-9517408-7-7, 1744 - 1747

Цитира се в:

556. Fabrizio Esposito, Pierpaolo Basile, Francesco Cutugno, Marco Venuti. 2015. The CompWHoB Corpus: Computational Construction, Annotation and Linguistic Analysis of the White House Press Briefings Corpus. The Second Italian Computational Linguistics Conference. Trento on December 3-4 2015, pp. 120-124., **@2015**

269. Roeva O., **Fidanova S.**. Application of Genetic Algorithm and Ant Colony Optimization for Modelling E.Coly Cultivation process,. Genetic Algorithm, In-Tech Pub, 2012, ISBN:979-307-879-2, 21, 261 - 282

Цитира се в:

557. Ilkova, Tatiana S., and Mitko M. Petrov. "INTERCRITERIA ANALYSIS FOR IDENTIFICATION OF ESCHERICHIA COLI FED-BATCH MATHEMATICAL MODEL.", Journal of International Scientific Publication Vol. 9, ISSN 1314-7269, 2015, pp. 598 –

608., **@2015**

270. Радева, И.. Приложение на теорията на размитите множества в задачи за избор при икономическа клъстеризация.. Корпоративните финанси на формиращи се пазари. Изледвания и практики, Нов Български Университет - София, 2012, ISBN:978- 954-535, 186 - 217

Цитира се в:

558. Попчев И., Анализ на риска, Учебник за дистанционно обучение по дисциплина BAEB 732 D "Анализ на риска", Нов български университет, 83 стр., 2015., **@2015**

271. Karastoyanov D., **Mihov M.**, **Sokolov B.**. Optimization of The Control System by Milling Processes. International Conference “Robotics, Automation And Mechatronics” RAM 2012, Academy Publishing House - Prof. Mr. Drinov, 2012, ISSN:1314-4634, m15 - m20

Цитира се в:

559. Stoimenov, N., Advanced computing for energy efficiency of milling processes, Problems of Engineering Cybernetics and Robotics, vol.66, 2015, ISSN 0204-9848, pp.83-91, **@2015**

560. Stoimenov, N., Simulation of energy efficiency milling processes., International Conference “Robotics, Automation And Mechatronics” RAM 2015, November 5, 2015, ISSN 1314-4634, pp. 50-54, **@2015**

272. Lima, A.L., Prochazkova, D., Hintsa, J., **Tagarev, T.**, Nerlich, U.. Foresight Security Scenarios – Mapping Research to a Comprehensive Approach to Exogenous EU Roles: Problem Space Report: Critical Infrastructure & Supply Chain Protection. FOCUS, D5.1, 2012

Цитира се в:

561. Markus Hesse, Marcus Hornung, “Space as a Critical Infrastructure,” in Handbook of Space Security: Policies, Applications and Programs (New York: Springer, 2015), 187-201. print ISBN 978-1-4614-2028-6, Online ISBN 978-1-4614-2029-3, DOI: 10.1007/978-1-4614-2029-3_67, **@2015**

273. 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:

562. Sánchez, D., M.Á. Bautista, S. Escalera, HuPBA8k+: Dataset and ECOC-Graph-Cut based segmentation of human limbs, Open Access Journal of Neurocomputing, Volume 150, Part A, 20 February 2015, pp. 173-188, DOI: 10.1016/j.neucom.2014.07.069, ISSN: 0925-2312, **@2015**

563. Kim, H., S. Lee, D. Lee, S. Choi, J. Ju, H. Myung, Real-Time Human Pose Estimation and Gesture Recognition from Depth Images Using Superpixels and SVM Classifier, In: Open Access Journal on Sensors, 2015, 15(6), 12410-12427, DOI: 10.3390/s150612410, ISSN 1424-8220, **@2015**

564. Hu, K., L. Yin, Multiple feature representations from multi-layer geometric shape for hand gesture analysis, In 11th IEEE International Conference and Workshops on Automatic Face and Gesture Recognition, Vol. 1, pp.1-7, 4-8 May 2015, DOI:

10.1109/FG.2015.7163091, **@2015**

565. Kim, H., S. Lee, Y. Kim, D. Lee, J. Ju, H. Myung, Human Pose Estimation Algorithm for Low-Cost Computing Platform Using Depth Information Only, In: Kim, J.-H., Yang, W., Jo, J., Sincak, P., Myung, H. (eds.) Robot Intelligence Technology and Applications 3, Advances in Intelligent Systems and Computing, Vol. 345, pp. 675-684, 2015, DOI: 10.1007/978-3-319-16841-8_61, Print ISBN: 978-3-319-16840-1, Springer, **@2015**

566. Sigalas, M., M. Pateraki, P. Trahanias: Full-body Pose Tracking - the Top View Reprojection Approach. IEEE Trans. PAMI, vol.PP, no.99, pp.1-14, ISSN 0162-8828, DOI 10.1109/TPAMI.2015.2502582 (2015), **@2015**

567. Czarnuch, S., A. Mihailidis, Development and evaluation of a hand tracker using depth images captured from an overhead perspective. Journal of Disability and Rehabilitation: Assistive Technology, 27 March 2015, pp.1-8, DOI:10.3109/17483107.2015.1027304, **@2015**

568. Kang Dang, Jiong Yang, Junsong Yuan, Adaptive Exponential Smoothing for Online Filtering of Pixel Prediction Maps, In Proc. of IEEE International Conference on Computer Vision (ICCV), pp. 3209-3217, 2015, **@2015**

569. Puertas E., M.A. Bautista, D. Sanchez, S. Escalera, O. Pujol, Learning to segment humans by stacking their body parts, 13th European Conference on Computer Vision (ECCV 2014, 6-12 Sept. 2014), Lecture Notes in Computer Science, Vol. 8925, pp. 685-697, 2015, DOI: 10.1007/978-3-319-16178-5_48, ISSN: 03029743, ISBN: 978-331916177-8, **@2015**

274. **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:

570. Abidin H. Z., Din N. M., Provisioning an energy efficient with maximum coverage WSN through biological inspired sensor node placement, IEEE Int. Symposium on Telecommunication Technologies, ISBN: 978-147995982-2, 2015, pp. 341-345., **@2015**

571. He, Can, et al. "A New Optimal Sensor Placement Strategy Based on Modified Modal Assurance Criterion and Improved Adaptive Genetic Algorithm for Structural Health Monitoring." Mathematical Problems in Ingineering, Volume 2015, Article ID 626342, ISSN:1024-123X, SJR 0.267, Hindawi Publishing Corporation, 2015., **@2015**

572. Yi T.-H., li H.-N., Zhang X.-D., Sensor placement optimzation in structural health monitoring using distributed monkey algorithm, J. Smart Structures and Systems, Vol 15(1), ISSN 1738-1584, SJR 0.876, 2015, pp. 191-207., **@2015**

573. Atiq-Ur-Rahman, Al-Shomarani M.M., Ahmad I., Hasbullah H., Two echelon architecture using relay node placement in wireless sensor network, J. Applied Sciences, ISSN 1812-5654, SJR 0.190, Vol 15(2), 2015, pp. 214-222., **@2015**

574. Hassani Bijarbooneh, Farshid. "Constraint Programming for Wireless Sensor Networks." PhD thesis, Uppsala University,Sweden ISBN 978-91-554-9144-4 (2015)., **@2015**

575. Yi T.-H., Li H-N, Song G., Zhang X-D, Optimal placement for helth monitoring of high-rise structure using adaptive monkey algorithm, J. Structural control and helth monitoring, Vol. 22(4), ISSN 1545-2263, SJR 1.351, IF 1.726, 2015, pp. 667-681., **@2015**

576. Yi, T. H., Li, H. N., & Zhang, X. D., Health monitoring sensor placement optimization for

Canton Tower using immune monkey algorithm. Structural Control and Health Monitoring, 22(1), ISSN 1545-2263, SJR 1.351, IF 1.726, 2015, pp. 123-138., **@2015**

577. Abidin, H. Z., Din, N. M., Radzi, N. A. M. TPSMA based Sensor Node Redeployment for Mobile Wireless Sensor Networks. In Proc. Of Advances in Cxomputing, Control and Networking, ISBN 978-1-63248-038-5, 2015, pp. 78-83., **@2015**

578. Yi, T. H., Li, H. N., & Zhang, X. D, Health monitoring sensor placement optimization for Canton Tower using virus monkey algorithm, Smart Structures and Systems, Vol. 15(5), ISSN: 1738-1584, SJR 0.876, 2015, 1373 – 1392., **@2015**

579. Yi T. H., Zhou G. D., Li H. N., Zhang X. D., Optimal sensor placement for health monitoring of high-rise structure based on collaborative-climb monkey algorithm, J. Structural Engineering and Mechanics, Vol 54(2), ISSN 1225-4568, SJR 0.277, 2015, pp 305-317., **@2015**

580. Tsai, Chun-Wei, Pei-Wei Tsai, Jeng-Shyang Pan, and Han-Chieh Chao. "Metaheuristics for the Deployment Problem of WSN: A Review."J. Microprocessors and Microsystems, ISSN 0141-9331, IF 0.430, SJR 0.368, DOI 10.1016/j.micrpro.2015.07.003, 2015., **@2015**

581. Li, J., Zhang, X., Xing, J., Wang, P., Yang, Q., & He, C. Optimal sensor placement for long-span cable-stayed bridge using a novel particle swarm optimization algorithm. Journal of Civil Structural Health Monitoring, ISSN 2190-5479, DOI 10.1007/s13349-015-0145-4, 2015, pp. 1-9., **@2015**

275. Damova, M., **Simov, K.**, Tashev, Z., Kiryakov, A.. FactForge: Data Service or Diversity through Inferred Knowledge over LOD. , 2012

Цитира се в:

582. M Dimitrov, A Simov, Y Petkov. On-demand Text Analytics and Metadata Management with S4. In: proceedings of Workshop on Emerging Software as a Service and Analytics (ESaaSA 2015) at the 5th International Conference on Cloud Computing and Services Science (CLOSER 2015), Lisbon, Portugal. pp. 55-62., **@2015**

276. Zagurski K., **Boiadjiev T.**, Delchev K., Kastelov R., Vitkov V.. Automatic bone drilling in surgery: safety conditions improvement. Journal Problems of Engineering Cybernetics and Robotics, 65, 2012, ISSN:0204-9848, 85 - 91

Цитира се в:

583. Vijayan S., G Murugananth, K Samidurai. Experimental Validation of Fuzzi-Tuned AWPI Controller-Based Chopper Driven PMDC Motor. Journal of Testing and Evaluation, Vol 43, Issue 6, pp 13, November 2015. DOI: 10.1520/JTE20130284, ISSN: 0090-3973, **@2015**

277. **Penchev T.**, **Altaparmakov I.**, **Karastoyanov D.**. Experimental study on the possibilities to decrease the coefficient of restitution after impact. International Conference on Advanced Design and Manufacturing Engineering, August 16-18, Volumes 217-219, 2012, DOI:10.4028/www.scientific.net/AMM.217-219.1659, 1659 - 1662

Цитира се в:

584. Gyoshev S., High speed briquetting of metal chips and powders., International Conference Robotics, Automation and Mechatronics'15 RAM, November 5, 2015, ISSN 1314-4634,

pp.44-49, **@2015**

278. 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:

585. V. Ginting, G. Lin, J. Liu, On Application of the Weak Galerkin Finite Element Method to a Two-Phase Model for Subsurface Flow, Journal of Scientific Computing (2015), DOI 10.1007/s10915-015-0021-8, **@2015**

586. H. Wang, Y. Ren, J. Jia, M. Celia, A probabilistic collocation Eulerian–Lagrangian localized adjoint method on sparse grids for assessing View the MathML source CO2 leakage through wells in randomly heterogeneous porous media, Computer Methods in Applied Mechanics and Engineering, Vol. 292 (2015), 35–53, **@2015**

587. Y. Ren, , M. Presho, A generalized multiscale finite element method for high-contrast single-phase flow problems in anisotropic media, Journal of Computational and Applied Mathematics, Vol. 277 (2015), 202–214, **@2015**

279. 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:

588. Kamalu, C.I.O., Onuoha, O.E., Uzondu, F.N., Effiong, E.E., Obibuenyi, I.J., Onyelucheya, O. E., Prediction and Analysis of Variable Parameters of some established models in Batch Beer Fermentation, International Journal of Innovative Research in Technology and Science, vol.3, issue 6, Nov. 30, 2015, pp.11-18; ISSN: 2321-1156, **@2015**

589. Boudjema, K., Fazouane-Naimi, F., Hellal, A., Optimization of the Bioethanol Production on Sweet Cheese Whey by Saccharomyces cerevisiae DIV13-Z087C0VS using Response Surface Methodology (RSM), Romanian Biotechnological Letters, Vol. 20, No. 5, 2015, pp.10814-10825; ISSN 1224 - 5984; IF: 0.404, **@2015**

280. Jordanov G., Beezley J.D, **Dobrinkova N.**, Kochanskси 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:

590. Peace, M., Mattner, T., Mills, G., Kepert, J., & McCaw, L. (2015). Fire-Modified Meteorology in a Coupled Fire–Atmosphere Model. Journal of Applied Meteorology and Climatology, 54(3), 704-720, **@2015**

591. Hilton, J. E., Miller, C., Sullivan, A. L., & Rucinski, C. (2015). Effects of spatial and temporal variation in environmental conditions on simulation of wildfire spread. Environmental Modelling & Software, 67, 118-127., **@2015**

281. 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:

592. Rajeev, N., Krishna Prasad, R., Reddy Ragula, U.B. Process simulation and modeling of fluidized catalytic cracker performance in crude refinery, Petroleum Science and Technology, Vol. 33, Issue 1, pp. 110-117, 2015. [SJR (SCImago Journal Rank) (2013): 0.432, IPP (Impact per Publication) (2013) : 0.423, SNIP (Source Normalized Impact per Paper) (2013) : 0.830], **@2015**

593. Anand, K., Varghese, S., Kurian, T. Preparation of ultra-fine dispersions of zinc oxide by simple ball-milling: Optimization of process parameters, Powder Technology, vol. 271, pp. 187 – 192, 2015. [SJR (SCImago Journal Rank) (2013): 0.944, IPP (Impact per Publication) (2013): 2.484, SNIP (Source Normalized Impact per Paper) (2013): 1.877], **@2015**

594. Sridhar, C.S., P.S. Sankar, R.K. Prasad. Grinding Kinetics, Modeling and Sub Sieve Morphology of Ball Mill Grinding for Cement Industry Ingredients, Particulate Science and Technology: An International Journal, Accepted author version posted on Taylor & Francis Online: 20 Mar 2015, DOI:10.1080/02726351.2015.1027838., **@2015**

595. Kabezya, K.M., H. Motjotji, The Effect of Ball Size Diameter on Milling Performance. Journal of Material Science and Engineering, vol. 4, Issue 1, pp.1-3, 2015. doi:10.4172/2169-0022.1000149., **@2015**

596. Moghadam, G., G. A. Raissi Ardali, V. Amirzadeh, Developing new methods to monitor phase II fuzzy linear profiles, Iranian Journal of Fuzzy Systems, Vol. 12, Issue 4, pp. 59-77, August and September 2015., **@2015**

597. Mahdi, A.S., M. S. Mustapa, M. A. Lajis, M. W. A. Rashid, Effect of Compaction Pressure on Physical Properties of Milled Aluminium Chip (AA6061), International Journal of Science and Research (IJSR), vol. 4, Issue 9, pp. 1759-1764, 2015. Index Copernicus Value (2013): 6.14, Impact Factor (2013): 4.438., **@2015**

598. Kozyr A.V., Kutlubaev I.M., Popova T.M., Pytalev I.A. Simulation modeling of the process of moving of grinding bodies in a ball mill, Vestnik Magnitogorskogo Gosudarstvennogo Tekhnicheskogo Universiteta im. G.I. Nosova (Vestnik of Nosov Magnitogorsk State Technical University), No. 3, pp. 75–77, 2015 (in Russian)., **@2015**

282. Harizanov, S.. Analysis of nonlinear subdivision and multi-scale transforms. PhD Thesis, Jacobs University Bremen, Germany, 2012, 137

Цитира се в:

599. Santágueda, M. Métodos multiescala y aplicaciones: Esquemas de subdivisión. PhD Thesis, Universitat de València, Valencia, 2015., **@2015**

283. Marinov, A., Zlateva, N., **Dimov, D.**, Marinov, D.. Weighted ICP algorithm for alignment of stars from scanned astronomical photographic plates. Serdica Jurnal of Computing, 6, 1, IMI-BAN, 2012, ISSN:1312-6555, 101 - 110

Цитира се в:

600. Amamra, A., N. Aouf, D. Stuart, M. Richardson: A recursive robust filtering approach for 3D registration. Signal, Image and Video Processing J.,Springer London, Print ISSN: 1863-1703,

Online ISSN: 1863-1711, DOI: 10.1007/s11760-015-0823-z, pp 1-8, **@2015**

284. **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 and Mathematics with Applications, 65, 3, Elsevier, 2012, ISSN:0898-1221, DOI:10.1016/j.camwa.2012.07.005, 338 - 351. ISI IF:1.747

Цитира се в:

601. Иванов, А. В. Статистическо моделиране на качеството на въздуха, Дисертация, Пловдивски Университет, 2015, **@2015**

285. Dochev, D., **Agre, G.**. Supporting learning-by-doing situations by semantic technologies. Proc. of 17th Annual Conf. on Media and Web Technology (EUROMEDIA'2012), 2012, 49 - 53

Цитира се в:

602. Hiroyuki Mitsuharaa, Takehisa Inoue, Kenji Yamaguchi, Yasuichi Takechi, Mari Morimoto, Kazuhisa Iwaka, Yasunori Kozuki, Masami Shishibori. Web-Based System for Designing Game-Based Evacuation Drills. Procedia Computer Science 72, 2015, 277 – 284, Elsevier, ISSN: 1877-0509, **@2015**

286. **Fidanova S.**, Atanassov K., **Marinov P.**. Intuitionistic Fuzzy Estimation of the Ant Colony Optimization Starting Points. Lecture Notes in Computer Science, 7116, Springer, 2012, ISSN:0377-0427, 219 - 226. SJR:0.339

Цитира се в:

603. Cheng G., Investigation of modified bee colony algorithm with particle and chaos theory, Int. J. of Control and Automation, Vol. 8(2), 2015, ISSN:2005-429, SJR 0.250, pp. 311 – 322., **@2015**

287. **Tchamova, A.**, Dezert, J.. Intelligent alarm classification based on DSmT. Proceedings of 6th IEEE International Conference “Intelligent Systems”, 2012, DOI:10.1109/IS.2012.6335124, 120 - 125

Цитира се в:

604. Wang, J. Yang, F ; Chen, T. ; Shah, S.L., " An Overview of Industrial Alarm Systems: Main Causes for Alarm Overloading, Research Status, and Open Problems", IEEE Transactions on Automation Science and Engineering, , Issue: 99 , pp. 1 - 17 , DOI: 0.1109/TASE.2015.2464234, 2015, **@2015**

288. Belehaki A., Tsagouri I., Kutiev I., **Marinov P.**, **Fidanova S.**. Upgrades to the Topside Sounders Model assisted by Digisonde (TaD) and its validation at the topside ionosphere. Space Weather & Space Climate, 2, A20, 2012, ISSN:2115-7251, DOI:10.1051/swsc/201200120, A20p1 - A20p14. ISI IF:2.558

Цитира се в:

605. Zhu, J., Zhao, B., Wan, W., Ning, B., & Zhang, S. A new topside profiler based on Alouette/ISIS topside sounding. Advances in Space Research, ISSN 0273-1177, IF 1.358, SJR 0.272, doi:10.1016/j.asr.2015.08.008, 2015., **@2015**

289. 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:

606. Zhu, J., Zhao, B., Wan, W., Ning, B., & Zhang, S. A new topside profiler based on Alouette/ISIS topside sounding. Advances in Space Research, ISSN 0273-1177, IF 1.358, SJR 0.272, doi:10.1016/j.asr.2015.08.008, 2015., **@2015**

290. Flickinger, D., Kordoni, V., Zhang, Yi, Branco, A., **Simov, K.**, **Osenova, P.**, Carvalheiro, C., Costa, F., Castro, S.. ParDeepBank: Multiple Parallel Deep Treebanking. , 2012

Цитира се в:

607. MARIMON, Montserrat; BEL, Núria. Dependency structure annotation in the IULA Spanish LSP Treebank. Language Resources and Evaluation, 2015, 49.2: 433-454, doi: 10.1007/s10579-014-9280-5., **@2015**

608. SANGUINETTI, Manuela; BOSCO, Cristina. PartTUT: The Turin University Parallel Treebank. In: Harmonization and Development of Resources and Tools for Italian Natural Language Processing within the PARLI Project. Springer International Publishing, 2015. p. 51-69, ISBN: 978-3-319-14205-0 (Print) 978-3-319-14206-7 (Online), (in Scopus, Web of Knowledge)., **@2015**

609. PACKARD, Woodley. Full forest treebanking. 2015. PhD Thesis. University of Washington., **@2015**

610. Montserrat Marimon. Tibidabo: a syntactically and semantically annotated corpus of Spanish. Volume 10, Issue 3, Page 259-276, ISSN 1749-5032, Available Online November 2015. http://dx.doi.org/10.3366/cor.2015.0077, **@2015**

291. **Monov, V.**. Energy consumption and efficiency in industrial processes. Problems of Engineering Cybernetics and Robotics, 65, 2012, ISSN:0204-9848, 30 - 38

Цитира се в:

611. Staykov, B. Solving multicriteria optimization problems with WebOptim software system, Cybernetics and Information Technologies, vol. 15, No 3, pp.165-177, 2015, ISSN: 1311-9702., **@2015**

292. 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:

612. OROSZ, György. Hybrid algorithms for preprocessing agglutinative languages and less-resourced domains effectively. Dissertation, Roska Tamás Doctoral School of Sciences and Technology, Pázmány Péter Catholic University, Budapest. 2015., **@2015**

613. Luchezar Jackov. Feature-Rich Part-Of-Speech Tagging Using Deep Syntactic and Semantic Analysis. In Proceedings of RANLP 2015, pp. 224-231. ISSN 1313-8502, **@2015**

293. **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:

614. Hasanov Vejdi I., Aynur A. Ali, On convergence of three iterative methods for solving of the matrix equation X+ A^{*} X^{-1} A+ B^{*} X^{-1} B= Q., Computational and Applied Mathematics, DOI 10.1007/s40314-015-0215-6, Print ISSN 0101-8205, Online ISSN 1807-0302, Springer, Basel, 2015, 1-9., **@2015**

615. Hasanov Vejdi, Sevdzhan Hakkaev, Newton's Method for a Nonlinear Matrix Equation, Compt Rend Acad bulg. Sci., 68(8), 2015, ISSN 1310-1331, 973-982., **@2015**

294. **Atanassova, L.**. On two modifications of the intuitionistic fuzzy implication→@. Notes on Intuitionistic Fuzzy Sets, 18, 2, 2012, 26 - 30

Цитира се в:

616. Atanassov, K. (2015). Intuitionistic fuzzy logics as tools for evaluation of Data Mining processes. Knowledge-Based Systems, 80, 122-130., **@2015**

295. 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:

617. Горанов, Б. Г., Получаване на млечна киселина със свободни и имобилизирани клетки на млечнокисели бактерии и приложението и при производство на храни, Дисертационен труд за придобиване на образователната и научна степен „доктор", УХТ-Пловдив, 2015, **@2015**

296. **Simov, K.**, **Osenova, P.**. Bulgarian-English Treebank: Design and Implementation. Linguistic Issues in Language Technology, 7, 14, CSLI Publishing, Stanford University, 2012

Цитира се в:

618. Sanguinetti M., Bosco C. "PartTUT: The Turin University Parallel Treebank". In Basili, Bosco, Delmonte, Moschitti, Simi (editors) Harmonization and development of resources and tools for Italian Natural Language Processing within the PARLI project, LNCS, Springer Verlag, pp. 51-69., **@2015**

297. **Mustakerov, I.**, **Borissova, D.**, **Bantutov, E.**. Multiple-choice decision making by multicriteria combinatorial optimization. Int. Journal Advanced Modeling and Optimization, 14, 3, 2012, ISSN:1841-4311, 729 - 737

Цитира се в:

619. Osinovskaya, I. V., O. G. Yakunina, O. V. Lenkova. Multiobjective Approach in Developing Oil Production Enterprise's Production Strategy. Mediterranean Journal of Social Sciences, ISSN 2039-9340 (print), Vol. 6, No 3, 2015, pp. 193-201, **@2015**

298. **Todorov, Y.**, Ahmed, S., Petrov, M., Chitanov, V.. Implementations of a Hammerstein fuzzy-neural model for predictive control of a lyophilization plant. Intelligent Systems (IS), 2012 6th IEEE International Conference Proceedings, IEEE, 2012, DOI:10.1109/IS.2012.6335154, 316 - 321

Цитира се в:

620. Mortaza Aghbashloa, Soleiman Hosseinpoura, Arun S. Mujumdar, Application of Artificial Neural Networks (ANNs) in Drying Technology: A Comprehensive Review, Drying Technology: An International Journal, vol. 33(12), 2015, DOI:10.1080/07373937.2015.1036288, pp. 1397-1462., **@2015**

299. **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:

621. Ali, O. and Soar, J. and 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, 2015, ISSN: 2214-2126, DOI: http://dx.doi.org/10.1016/j.jisa.2015.11.006, **@2015**

2013

300. **Sellier, J. M.**, **Nedjalkov, M.**, **Dimov, I. T.**, Selberherr, S.. Decoherence and time reversibility: The role of randomness at interfaces. Journal of Applied Physics, 114, 17, 2013, ISSN:0021-8979; E-ISSN: 1089-7550, DOI:http://dx.doi.org/10.1063/1.4828736, ISI IF:2.183

Цитира се в:

622. Jonasson, O., & Knezevic, I. (2015). Dissipative transport in superlattices within the Wigner function formalism. Journal of Computational Electronics, 14(4), 879-887., **@2015**

301. 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:

623. Velupillai, S., D. Mowery, B. R. South, M. Kvist, and H. Dalianis. Recent Advances in Clinical Natural Language Processing in Support of Semantic Analysis. Yearbook of Medical Informatics 2015; 10(1): 183–193. doi: 10.15265/IY-2015-009, **@2015**

624. Meizhi Ju, Haomin Li, Huilong Duan. Lexical Characteristics Analysis of Chinese Clinical Documents. Proceedings of the 2015 Workshop on Biomedical Natural Language Processing (BioNLP 2015), pages 114–120, associated to the Annual Conference of the Association of Computational Linguistics, Beijing, China, July 30, 2015., **@2015**

302. **Koprinkova-Hristova, P.**, Oubbati, M., Palm, G.. Heuristic dynamic programming using echo state network as online trainable adaptive critic. International Journal of Adaptive Control and Signal

Processing, 27, 10, Wiley, 2013, ISSN:1099-1115, DOI:10.1002/acs.2364, 90 - 914. SJR:1.022, ISI IF:1.346

Цитира се в:

625. Ying-Chun, B., Jun-Fei, Q., Heuristic dynamic programming using echo state network for multivariable tracking control of wastewater treatment process, Asian Journal of Control, vol.17 (5), 2015, pp.1654-1666; ISSN: 15618625; DOI: 10.1002/asjc.994; SJR 2014: 0.858, **@2015**

303. Алексиев К.. Инерциални сензори и инерциални навигационни системи. Автоматика и Информатика, XLVII, 1, Съюз по автоматика и информатика "Джон Атанасов" (САИ), 2013, ISSN:0861-7562, 45 - 50

Цитира се в:

626. Петков Петко, Развитие на инерциалните системи за навигация и управление, Сп. Техносфера, бр. 2 (28), стр. 21-33, 2015, ISSN 1313-3861, Изд. на БАН "Проф. Марин Дринов"., **@2015**

304. Popchev, I., **Angelova, V.**. Residual bound of the matrix equation X + A^H X^{−1}A + B^H X^{−1}B = I. C. R. Acad. Bulg. Sci., 66, 10, 2013, ISSN:1310-1331, 1379 - 1384. SJR:0.206, ISI IF:0.284

Цитира се в:

627. Konstantinov M., P. Petkov, Perturbation analysis of matrix equations and decompositions, In: Numerical Algebra, Matrix Theory, Differential-algebraic Equations and Control Theory, Peter Benner, Mattias Bollhofer, Daniel Kressner, Christian Mehl, Tatjana Stykel Editors, Springer Verlag, 2015, Chapter 7, ISBN 978-3-319-15259-2, DOI 10.1007/978-3-319-15260-8, pp. 161-197., **@2015**

305. 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:

628. Antonakaki , D., Polakis, I., Athanasopoulos, E., Ioannidis, S., Fragopoulou, P. Think Before RT: An Experimental Study of Abusing Twitter Trends, Social Informatics, LNCS, vol. 8852, pp. 402-413, February, 2015, ISBN 978-3-319-15167-0, DOI 10.1007/978-3-319-15168-7_49, SJR = 0.35, **@2015**

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

Цитира се в:

629. Попчев И., Анализ на риска, Учебник за дистанционно обучение по дисциплина ВАЕВ 732 D "Анализ на риска", Нов български университет, 83 стр., 2015., **@2015**

307. **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:

630. Meftah, B., Lézoray, O., Benyettou, A., Novel Approach Using Echo State Networks for Microscopic Cellular Image Segmentation, Cognitive Computation, pp.1-9, August 2015; ISSN: 1866-9964; DOI: 10.1007/s12559-015-9354-8; IF: 1.440, **@2015**

308. **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:

631. Meftah, B., Lézoray, O., Benyettou, A., Novel Approach Using Echo State Networks for Microscopic Cellular Image Segmentation, Cognitive Computation, pp.1-9, August 2015; ISSN: 1866-9964; DOI: 10.1007/s12559-015-9354-8; IF: 1.440, **@2015**

309. **Ivanov, V.**. "An approach for a PicoBlaze system generation ". proc of DISTRIBUTED COMPUTER AND COMMUNICATION NETWORKS (DCCN - 2013): 7 - 10 October, 2013, ISBN:978-5-94836-366-0, 233 - 237

Цитира се в:

632. Балабанов, Т.. Избягване на локални оптимуми при евристични популационни алгоритми в разпределена среда. Сборник с доклади от XXII Международен симпозиум Управление на енергийни, индустриални и екологични системи, 2015, ISSN:1313-2237, 83 - 86, **@2015**

633. 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, 193 - 199. SJR:0.339, **@2015**

310. Zlatev, Z., **Georgiev, K.**. Applying approximate LU-factorizations as preconditioners in eight iterative methods for solving systems of linear algebraic equations.. Open Mathematics, 11, 8, DE GRUYTER, 2013, ISSN:2391-5455, 1510 - 1530. SJR:0.558, ISI IF:0.578

Цитира се в:

634. Daniel Mejía-Rodríguez, Rogelio Isaac Delgado Venegas, Patrizia Calaminici, and Andreas M. Köster, Robust and Efficient Auxiliary Density Perturbation Theory Calculations Journal of Chemical Theory and Computation 2015 11 (4), 1493-1500, DOI: 10.1021/ct501065g, IF: 5.310, **@2015**

311. 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:

635. Jun-Whan Lee and Sun-Cheon Park (2015) Artificial Neural Network-Based Data Recovery System for the Time Series of Tide Stations. Journal of Coastal Research, 2015, In-Press; ISSN: 1551-5036; DOI: http://dx.doi.org/10.2112/JCOASTRES-D-14-00233.1; SJR 2014: 0.476; IF 0.98, **@2015**

636. Turki, I., Laignel, B., Kakeh, N., Chevalier, L., Costa, S., A new hybrid model for filling gaps and forecast in sea level: application to the eastern English Channel and the North Atlantic Sea (western France), Ocean Dynamics, April 2015, Volume 65, Issue 4, pp.509-521; ISSN: 1616-7228; DOI: 10.1007/s10236-015-0824-z; IF: 1.943, **@2015**

312. Радева, И.. Оценка на синергия в икономически клъстери. 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 септем, НБУ - София, 2013

Цитира се в:

637. Попчев И., Анализ на риска, Учебник за дистанционно обучение по дисциплина ВАЕВ 732 D "Анализ на риска", Нов български университет, 83 стр., 2015., **@2015**

313. Ivanov. Vl.. On the approach for automatic generation of small embedded PicoBlaze system. 13th International Conference on Application of Concurrency to System Design (ACSD) Barcelona, Spain , 8-10 July , 2013., 2013, ISBN:978-0-7695-5035-0, ISSN:1550-4808, 257 - 260

Цитира се в:

638. Балабанов, Т., Занкински, И., Шуманов, Б.. Оптимизация на статистически модели с еволюция на разликите и Монте-Карло базирана оценъчна функция. Сборник с доклади от XXII Международен симпозиум Управление на енергийни, индустриални и екологични системи, 2015, ISSN:1313-2237, 87 - 90, **@2015**

639. Balabanov, T., Zankinski, I., Shumanov, B.. Slot Machine RTP Optimization and Symbols Wins Equalization with Discrete Differential Evolution. Large-Scale Scientific Computing, Lecture Notes in Computer Science, 9374, Springer International Publishing Switzerland, 2015, ISBN:978-3-319-26520-9, DOI:10.1007, 200 - 207. SJR:0.339, **@2015**

314. Boiadjiev G., Kastelov R., **Boiadjiev 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:

640. F. Accini, I Diaz, JJ Gil. Using an Admittance Algorithm for Bone Drilling Procedures. Computer Methods and Programs in Biomedicine., 10/2015, DOI: 10.1016/j.cmpb.2015.10.003, IF 1.897., **@2015**

641. Dai, Y., Xue, Y., & Zhang, J. Vibration-Based Milling Condition Monitoring in Robot Assisted Spine Surgery, IEEE /ASME Transactions on Mechatronics, Volume: PP , Issue: 99, pp. 1 – 12, (2015) ISSN: 1083-4435. DOI: 10.1109/TMECH.2015.2414177, **@2015**

642. Dai, Y., Xue, Y., Zhang, J. Tissue discrimination based on vibratory sense in robot-assisted spine surgery. IEEE International Conference on Robotics and Automation ICRA 2015, pp. 4717-4722, 26-30 May 2015, Seatle, WA, USA. DOI :

10.1109/ICRA.2015.7139854, **@2015**

315. Boiadjiev G., Delchev K., **Boiadjiev 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:

643. Alam, K., Hassan, E., & Bahadur, I. (2015). Experimental measurements of temperatures in ultrasonically assisted drilling of cortical bone. Biotechnology & Biotechnological Equipment, IF 0.622 (ahead-of-print), 1-5., **@2015**

316. **Dimitrov S.**, **Stoilov T.**. Test of the Apache HTTP Server by videofile and usage measurements of the hardware components. Proceedings of the International Conference Computer Systems and Technologies, CompSysTech'13, 767, 2013, ISBN:978-1-4503-2021-4, 59 - 66

Цитира се в:

644. Zhen Ming Jiang, Hassan A.E. A Survey on Load Testing of Large-Scale Software Systems. IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, VOL. 41, 2015, Issue: 99, ISSN : 0098-5589, DOI: 10.1109/TSE.2015.2445340, **@2015**

317. **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, 215 - 219

Цитира се в:

645. Gyoshev S., High speed briquetting of metal chips and powders., International Conference Robotics, Automation and Mechatronics'15 RAM, November 5, 2015, ISSN 1314-4634, pp.44-49, **@2015**

318. Efendiev, Y., Galvis, J., Lazarov, R., **Margenov, S.**, Ren, J.. Multiscale domain decomposition preconditioners for anisotropic high-contrast problems. Lecture Notes in Computational Science and Engineering, 91, Springer, 2013, ISBN:978-3-642-35275-1, 289 - 297. SJR:0.26

Цитира се в:

646. J.A. Asadova, Numerical Solution of a System of Independent Three-point Discrete Equations with Non-separated Boundary Conditions, Proceedings of IAM, V.4, N.1 (2015), 58-69, **@2015**

647. K.R. Aida-zade, Y.R. Ashrafova, Solving systems of differential equations of block structure with nonseparated boundary conditions, Journal of Applied and Industrial, Vol. 9 (2015), 1-10, **@2015**

319. **Sellier, J. M.**, **Nedjalkov, M.**, **Dimov, I. T.**, Selberherr, S. Decoherence and time reversibility: The role of randomness at interfaces. Journal of Applied Physics, 114, 2013, ISSN:0021-8979, E-ISSN: 1089-7550, DOI:10.1063/1.4828736, ISI IF:2.22

Цитира се в:

648. Jonasson, O., & Knezevic, I. (2015). Dissipative transport in superlattices within the Wigner function formalism. Journal of Computational Electronics, 14(4), 879-887., **@2015**

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

Цитира се в:

649. DE LEON ALDACO, S., Calleja, H., & Aguayo, J., Metaheuristic Optimization Methods Applied to Power Converters: A Review., IEEE Transactions on Power Elektronics, Vol 30(12), ISSN 0885-8993, IF 5.726, DOI 10.1109/TPEL.2015.2397311, 2015, 6791 – 6803., **@2015**

650. Mitchell, K. N., Winton, C., Cowan, M, Improved Waterway Network Maintenance Strategies via Genetic Algorithms. In Transportation Research Board 94th Annual Meeting (No. 15-5963), 2015., **@2015**

651. Garn, W., Aitken, J., Agile factorial production for a single manufacturing line with multiple products. European Journal of Operational Research, Elsevier, IF 1.843, SJR 2.625, doi 10.1016, 2015, 754 – 766., **@2015**

652. de la Calle, F. J., Bulnes, F. G., Garcia, D. F., Usamentiaga, R., & Molleda, J., A Parallel Genetic Algorithm for Configuring Defect Detection Methods. Latin America Transactions, IEEE (Revista IEEE America Latina), 13(5), SJR 0.161, ISSN 1548-0992, 2015, 1462-1468., **@2015**

653. Orozco-Rosas, Ulises, Oscar Montiel, and Roberto Sepúlveda. "Parallel Evolutionary Artificial Potential Field for Path Planning—An Implementation on GPU." Design of Intelligent Systems Based on Fuzzy Logic, Neural Networks and Nature-Inspired Optimization. Studies of Computational Intelligence, No 601, Springer International Publishing, SJR 1.243, 2015. 319-332., **@2015**

654. Wawrzynczak, A., M. Jaroszynski, and M. Borysiewicz. "Bayesian-Based Approach to Application of the Genetic Algorithm to Localize the Abrupt Atmospheric Contamination Source." Recent Advances in Computational Optimization: Results of the Workshop on Computational Optimization WCO 2014. Vol. 610. Springer, SJR 1.243, 2015, pp. 225 - 244., **@2015**

655. Pfefferkorn, Daniel, Achim Schmider, Guillermo Payá-Vayá, Martin Neuenhahn, and Holger Blume. "FNOCEE: A Framework for NoC Evaluation by FPGA-based Emulation.", IEEE International Conference on Systems, Architectures, MOdeling and Simulation (SAMOS), Samos, 20.-23.07.2015, paper 11, ISBN 978-1-4673-7311-1 2015, pp. 1-10., **@2015**

656. Dziwornu, Allan Kwashigah. "Towards Real-Time Power Restoration Using a Hybrid Genetic Algorithm." PhD diss., TU Delft, Delft University of Technology, 2015., **@2015**

657. Wang, L., Zhao, J., Wang, W., & Zhan, Z. (2015, May). Genetic algorithm for regionalization problem with adaptive equity constraint. In Control Conference (ASCC), 2015 10th Asian IEEE, 2015, pp. 1-6., **@2015**

658. Wiles, Phoebe S., and David Enke. "Optimizing MACD Parameters via Genetic Algorithms for Soybean Futures." Procedia Computer Science 61 (2015): 85-91., **@2015**

659. CeronRodriguez A.L., Plazas Tovar L., Wolf Maciel M.R., Maciel Filho R., Optimizing the population to represent the extended true boiling point curve from high vacuum distilation data using genetic algorithms, Chemical Engineering Transactions, Vol. 43, ISSN 1974-9791, SJR 0.390, 2015, 1561-1566., **@2015**

660. Moharam, R., Morsy, E., & Ismail, I. A., Genetic algorithms for balanced spanning tree problem. In Computer Science and Information Systems (FedCSIS), 2015 Federated Conference on , 2015, pp. 537-545. IEEE., **@2015**

661. Tkatek S., Abdoun O., Abouchabaka J., Rafalia N., A hybrid heuristic method to solve an assignment problem of human resource, Int Review on Computers and Software, Vol 10(9), ISSN 1828-6003, SJR 0.243, 2015, pp. 977-986., **@2015**

662. 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, **@2015**

321. Lukin, K.A., Vyplavin, P.L., **Kudriashov, V.V.**, Palamarchuk, V.P., Zemlyaniy, O.V., Lukin, S.K., Lee, Jong-Min, Ha, Jong-Soo, Sun, Sun-Gu, Kang, Youn-Sik, Cho, Kyu-Gong, Cho, Byung-Lae. Tomographic imaging using noise radar and 2D aperture synthesis. Прикладная радиоэлектроника, 12, 1, Харьковский национальный университет радиоэлектроники, Академия наук прикладной радиоэлектроники, 2013, ISSN:1727-1290, 152 - 156

Цитира се в:

663. Shin, H.J.; Narayanan, R.M.; Rangaswamy, M.; Simulations of tomographic imaging of various target scenarios using noise waveforms; Radar Conference (RadarCon), 2015 IEEE; 10-15 May 2015; Arlington, VA; pp. 963 – 968. Print ISBN: 978-1-4799-8231-8. DOI: 10.1109/RADAR.2015.7131134., **@2015**

322. **Kolchakov, K.**, **Monov, V.**. An algorithm for non – conflict schedule with diagonal activation of joint sub matrices. Proceedings of the 17-th International Conference on "Distributed computer and communication networks (DCCN-2013): Control, computation, communications", October 07-10, 2013, Moscow, 2013, ISBN:978-5-94836-366-0, 180 - 187

Цитира се в:

664. Alexandrov, A., Ad-hoc Kalman Filter Based Fusion Algorithm for Real-Time Wireless Sensor Data Integration, Advances in Intelligent Systems and Computing, vol. 400: Flexible Query Answering Systems, Springer, pp. 151-159, 2015., **@2015**

323. **Selier J. M.**, **Nedjalkov M.**, **Dimov I.**. Two-dimensional Transient Wigner Particle Model. Proceedings of the 18th International Conference on Simulation of Semiconductor Processes and Devices, 2013, ISBN:978-1-4673-5733-3, 404 - 407

Цитира се в:

665. Jonasson, O., & Knezevic, I. (2015). Dissipative transport in superlattices within the Wigner function formalism. Journal of Computational Electronics, 14(4), 879-887., **@2015**

324. Zlatev, Z., **Georgiev, K.**, **Dimov, I. T.**. Parallel Computations in a Large-Scale Air Pollution Model. Advanced Numerical Methods for Complex Environmental Models: Needs and Availability, 2013, ISBN:978-1-60805-777-1, e, 37, 166 - 202

Цитира се в:

666. Kenneth L Reifsnider, Dan G Cacuci, Jeffrey Baker, Jon Michael Adkins and Fazle Rabbi,

Validated predictive computational methods for surface charge in heterogeneous functional materials: HeteroFoaM, Reifsnider et al. Mechanics of Advanced Materials and Modern Processes (2015) 1:3, DOI 10.1186/s40759-014-0001, Springer, **@2015**

667. DG Cacuci, AF Badea, Predictive modeling methodology for obtaining optimally predicted results with reduced uncertainties: Illustrative application to a simulated solar collector facility, Solar Energy, Volume 119, September 2015, Pages 486–506, Elsevier, **@2015**

325. 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:

668. Deng, Y., "Generalized evidence theory",Applied Intelligence, October 2015, Volume 43, Issue 3, pp 530-543, **@2015**

326. **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:

669. I. Dikaros, E. Sapountzakis, A. Argyridi, D. Papadopoulos, Generalized warping effect in the dynamic analysis of beams of arbitrary cross section, Proceedings of 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 2015, pp. 165-190, ISBN: 978-960-99994-7-2., **@2015**

670. J. Murín, M. Aminbaghai, J. Hrabovský, H. Mang, Modelling of warping eigenvibration by nonuniform torsion, Proceedings of 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, 2015, pp. 146-164, ISBN: 978-960-99994-7-2., **@2015**

327. 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:

671. E. Sinenko, A. Zinkovskii, Influence of the Exciting Force Application Point on the Amplitude Spectrum of Flexural Vibrations in a Beam with a “Breathing” Crack, Strength of Materials 47 (2015) 553-560, DOI: 10.1007/s11223-015-9689-0, **@2015**

672. S. Qiang, Z.-Q. Xie, R. Zhong, A p-version embedded model for simulation of concrete temperature fields with cooling pipes, Water Science and Engineering 8 (2015) 248-256, DOI: 10.1016/j.wse.2015.08.001, **@2015**

328. **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:

673. Атанас Вълев Иванов, Статистическо моделиране на качеството на въздуха. Дисертация за присъждане на образователна и научна степен "Доктор". ПУ „Паисий Хилендарски", Факултет по математика и информатика, Катедра „Приложна математика и моделиране", Пловдив, 2015., **@2015**

329. 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:

674. M. Li, Analytical study on the dynamic response of a beam with axial force subjected to generalized support excitations, Journal of Sound and Vibration 338 (2015) 199-216, DOI: 10.1016/j.jsv.2014.11.004, **@2015**

675. M. Filippi, A variable kinematic one-dimensional model for aeroelasticity and dynamic analysis of multi-layered rotors, PhD Thesis, POLITECNICO DI TORINO, 2015., **@2015**

330. Boyanov, L., **Minchev, Z.**. Cyber security Challenges in Smart Homes. Proceedings of NATO ARW "Best Practices and Innovative Approaches to Develop Cyber Security and Resiliency Policy Framework", 38, IOS Press, 2013, ISBN:978-1-61499-445-9, DOI:10.3233/978-1-61499-446-6-99, 99 - 114

Цитира се в:

676. Al-Sudani, MQA. & Kharchenko, V. Cybersecurity of FPGA-based Automation Systems for Smart Building, Комп'ютерні системи та інформаційні технології, no.1 (71), 39-46, 2015, UDC 004.056+681.518.5, ISSN 1814-4225, **@2015**

331. Dezert, J., **Tchamova, A.**, Han, D., Tacnet, J.M.. Why Dempster's rule doesn't behave as Bayes rule with informative priors. Proc. of 2013 IEEE International Symposium on INnovations in Intelligent SysTems and Application, 2013, DOI:10.1109/INISTA.2013.6577631

Цитира се в:

677. Deng, Y., "Generalized Evidence Theory" Applied Intelligence, October 2015, Volume 43, Issue 3, pp 530-543, **@2015**

332. Ташев Т., Баканова Н., Ташева Р.. Исследование верхней границы пропускной способности коммутационного узла при входящем трафике типа «горячей точки». International Journal "Information Technologies & Knowledge", 7, 2, ITHEA, 2013, ISSN:1313-0455, 182 - 189

Цитира се в:

678. Баканов А. Когнитивный подход к обработке больших объемов специализированной, неструктурированной текстовой информации. Материалы Восемнадцатой Международной Научной Конференции Распределенные компютерные и телекоммуникационные сети: Управление, вычисление, связь (DCCN-2015), ИПУ РАН, Москва, Россия. с. 404-410, 2015. ISBN 978-5-91450-170-6, **@2015**

333. Ilieva, N., Kozhuharov, V., Lessigiarska, I., Litov, L., Pavlov, B., Petkov, P.. Development of a Novel PET Imaging System, based on Resistive-Plate Chambers (RPC). JINST, 8, IOP Publishing, 2013, ISSN:1748-0221, DOI:doi:10.1088/1748-0221/8/01/P01011, ISI IF:1.869

Цитира се в:

679. U. Amaldi, G. Borghi, M. Bucciantonio, R. Kieffer, J. Samarati, F. Saulia, D. Watts ` Development of TOF-PET detectors based on the Multi-Gap Resistive Plate Chambers Nucl. Instr. and Meth. A, Vol. 778 (2015) 85-91; doi:10.1016/j.nima.2015.01.018, **@2015**

334. Atanassova, L.. On the modal form of the intuitionistic fuzzy implications →'@ and →"@. Issues in Intuitionistic Fuzzy Sets and Generalized Nets, 10, EXIT Publ. House of the Polish Academy of Sciences, 2013, 5 - 11

Цитира се в:

680. Atanassov, K. (2015). Intuitionistic fuzzy logics as tools for evaluation of Data Mining processes. Knowledge-Based Systems, 80, 122-130., **@2015**

335. 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:

681. Tashev T., Monov V., Marinov M., Computer Simulation of the Throughput of Crossbar Switch with Modified Chang's Model for Load Traffic, Материалы Восемнадцатой Международной научной конференции РАСПРЕДЕЛЕННЫЕ КОМПЬЮТЕРНЫЕ И ТЕЛЕКОММУНИКАЦИОННЫЕ СЕТИ: УПРАВЛЕНИЕ, ВЫЧИСЛЕНИЕ, СВЯЗЬ (DCCN-2015), 19-22 Окт., Москва, ИПУ РАН, 2015, ISBN 978-5-91450-170-6, с. 337-344., **@2015**

336. 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.2013.6577666

Цитира се в:

682. Jalali, S., I. Bhatnagar. Leveraging Internet of Things Technologies and Equipment Data for an Integrated Approach to Service Planning and Execution. Region 10 Symposium (TENSYMP), 2015 IEEE,pp. 49-52, DOI: 10.1109/TENSYMP.2015.21, **@2015**

683. Tauterat, T. Development of a Method for the Economic Evaluation of Predictive Maintenance. Software Business, Lecture Notes in Business Information Processing, Print ISBN: 978-3-319-19592-6, Vol. 210, 2015, pp 179-185., **@2015**

337. Todorov, Y., **Teriziyska, M.**. Fuzzy-neural predictive control using Levenberg-Marquardt optimization approach. Innovations in Intelligent Systems and Applications (INISTA), 2013 IEEE International Symposium on, IEEE, 2013, DOI:10.1109/INISTA.2013.6577624, 1 - 5

Цитира се в:

684. Ahmed S. Abd El Hamid, Ahmed H. Eissa, Abdel Aziz Abou Elfotouh, Performance Analysis of Different Structures of PID Controller using Levenberg–Marquardt's Optimization Algorithm, International Journal of Emerging Trends in Engineering and Development, vol. 5(4), pp. 152-164, ISSN 2249-6149, 2015., **@2015**

338. 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:

685. Rice, Mary Frances. Rhetorical Constructions of Parents by Online Learning Companies: A Study of Parent Testimonials. Exploring Pedagogies for Diverse Learners Online (Advances in Research on Teaching, Volume 25), Emerald Group Publishing Limited 25, 121-141., **@2015**

339. Zhikov, V., Georgiev, G., **Simov, K.**, **Osenova, P.**. Combining POS Tagging, Dependency Parsing and Coreferential Resolution for Bulgarian. , 2013

Цитира се в:

686. Goran Glavas and Jan Snajder. Resolving Entity Coreference in Croatian with a Constrained Mention-Pair Model. Proceedings of BSNLP 2015, The 5th Workshop on Balto-Slavic Natural Language Processing, pp.17-23. ISBN 978-954-452-033-5, **@2015**

687. Luchezar Jackov. Feature-Rich Part-Of-Speech Tagging Using Deep Syntactic and Semantic Analysis. In Proceedings of RANLP 2015, pp. 224-231. ISSN 1313-8502, **@2015**

340. **Guliashki, V.**, Genova, K., **Kirilov, L.**. The Decision Support System WebOptim in an E-Learning Context. Proceedings of Papers of the International Conference "Automatics and Informatics'2013", 03.-07. October 2013, Sofia, Bulgaria, 2013, ISSN:1313-1850, I-117 - I-120

Цитира се в:

688. Borissova D., I. Mustakerov, (2015), "E-learning Tool for Visualization of Shortest Paths Algorithms", Trends Journal of Sciences Research, ISSN (Print): 2377-8091, 2015, 2(3), pp. 84-89., **@2015**

2014

341. **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 (2014), Elsevier, 2014, ISSN:0010-4655, DOI:http://dx.doi.org/10.1016/j.cpc.2014.05.013, 2427 - 2435. ISI IF:3.078

Цитира се в:

689. Weinbub, J., Ellinghaus, P., & Nedjalkov, M. (2015). Domain decomposition strategies for the two-dimensional Wigner Monte Carlo Method. Journal of Computational Electronics, 14(4), 922-929., **@2015**

690. Dorda, A., & Schürrer, F. (2015). A WENO-solver combined with adaptive momentum discretization for the Wigner transport equation and its application to resonant tunneling diodes. Journal of computational physics, 284, 95-116., **@2015**

691. Jonasson, O., & Knezevic, I. (2015). Dissipative transport in superlattices within the Wigner function formalism. Journal of Computational Electronics, 14(4), 879-887., **@2015**

342. **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. ISI IF:2.138

Цитира се в:

692. Dorda, A., & Schürrer, F. (2015). A WENO-solver combined with adaptive momentum discretization for the Wigner transport equation and its application to resonant tunneling diodes. Journal of computational physics, 284, 95-116., **@2015**

343. Cantoni, V., **Dimov, D.T.**, **Nikolov, A.**. 3D Ear Analysis by an EGI Representation. LNCS, 8897, Springer, 2014, ISBN:978-3-319-13385-0, DOI:10.1007/978-3-319-13386-7_11, 136 - 150. SJR:0.339

Цитира се в:

693. Pflug, A.: Ear Recognition: Biometric Identification using 2- and 3-Dimensional Images of Human Ears. ISBN: 978-82-8340-007-6, PhD thesis, 205p., Gjøvik Univ. College, 2-2015, **@2015**

344. **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(2014), De Gruyter, 2014, ISSN:0929-9629, DOI:10.1515/mcma-2013-0018, 43–51 - 51. SJR:0.224

Цитира се в:

694. Dorda, A., & Schürrer, F. (2015). A WENO-solver combined with adaptive momentum discretization for the Wigner transport equation and its application to resonant tunneling diodes. Journal of computational physics, 284, 95-116., **@2015**

345. **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:0.339

Цитира се в:

695. Pflug, A.: Ear Recognition: Biometric Identification using 2- and 3-Dimensional Images of Human Ears. ISBN: 978-82-8340-007-6, PhD thesis, 205p., Gjøvik Univ. College, 2-2015, **@2015**

346. 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:

696. Hui L. Y, Woo L. D., Seok K. H. (2015), "Development of Control Circuit for Detecting CCTV Operation and Failure", Advanced Science and Technology Letters, Vol.113 (Art, Culture, Game, Graphics, Broadcasting and Digital Contents 2015), pp.61-65, **@2015**

347. **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:

697. Hieu N. Duong, Hien T. Nguyen, Vaclav Snasel, A Hybrid Approach for Predicting River Runoff, Advances in Intelligent Systems and Applications, vol. 370, 2015, ISBN 978-3-319-21205-0, DOI 10.1007/978-3-319-21206-7_6, pp. 61-71., **@2015**

348. **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:

698. Aguilar, W.G., Angulo, C.: Real-Time Model-Based Video Stabilization for Microaerial Vehicles. Neural Process Lett., pp. 1-19, DOI 10.1007/s11063-015-9439-0, Springer New York, 2015, **@2015**

349. Farago, I., **Georgiev, K.**, Havasi, A., Zlatev, Z.. Efficient algorithms for large scales cientific computations: Introduction. Computers and Mathematics with Applications, 67, Elsevier, 2014, ISSN:0898-1221, DOI:10.1016/j.camwa.2014.05.021, 2085 - 2087. SJR:1.121, ISI IF:1.697

Цитира се в:

699. Qiong-Xiang Kong, Ji-Teng Jia, A structure-preserving algorithm for linear systems with circulant pentadiagonal coefficient matrices, J Math Chem (2015), DOI 10.1007/s10910-015-0509-3, Volume 53, Issue 7, pp 1617-1633, **@2015**

350. **Sellier, J. M.**, **Dimov, I. T.**. The many-body Wigner Monte Carlo Method for time-dependent Abinitio 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:

700. Dorda, A., & Schürrer, F. (2015). A WENO-solver combined with adaptive momentum discretization for the Wigner transport equation and its application to resonant tunneling diodes. Journal of computational physics, 284, 95-116., **@2015**

351. 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:

701. Meizhi Ju, Haomin Li, Huilong Duan. Lexical Characteristics Analysis of Chinese Clinical Documents. Proceedings of the 2015 Workshop on Biomedical Natural Language Processing (BioNLP 2015), pages 114–120, associated to the Annual Conference of the Association of Computational Linguistics, Beijing, China, July 30, 2015., **@2015**

352. 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:

702. K., Cpałka, K., Galushkin, A.I., A new interpretability criteria for neuro-fuzzy systems for nonlinear classification, Lecture Notes in Artificial Intelligence (Subseries of Lecture Notes in Computer Science), vol.9119, 2015, pp.448-468; ISSN: 03029743; ISBN: 978-331919323-6; DOI: 10.1007/978-3-319-19324-3-41; SJR 2014: 0.339, **@2015**

353. 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:

703. Yang, Y., Han, D., "A new distance-based total uncertainty measure in the theory of belief functions", Knowledge-Based Systems Journal, 11/2015; DOI: 10.1016/j.knosys.2015.11.014, **@2015**

704. Xinyang Denga, Xi Lua, b, Felix T.S. Chanc, Rehan Sadiqd, Sankaran Mahadevane, Yong Deng , " D-CFPR: D numbers extended consistent fuzzy preference relations", Knowledge-Based Systems Journal, Volume 73, January 2015, Pages 61–68., **@2015**

705. Meizhu Li, Qi Zhang, 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, January 2016, **@2015**

706. Zhaowen Lia, Guoqiu Wenb, Ningxin Xiec, "An approach to fuzzy soft sets in decision making based on grey relational analysis and Dempster–Shafer theory of evidence: An application in medical diagnosis, "Artificial Intelligence in Medicine, Volume 64, Issue 3, July 2015, Pages 161–171, **@2015**

707. Ilin, R. Blasch, E. " Information fusion with belief functions: A comparison of proportional conflict redistribution PCR5 and PCR6 rules for networked sensors", Proc. of 18th International Conference on Information Fusion ,2015, Washington DC, pp. 2084 - 2091., **@2015**

708. Ilin, R., Zhang, J., "Information Fusion with Topological Event Spaces", Proc. of 18th International Conference on Information Fusion, Washington, DC , 2015, pp.2092-2099., **@2015**

354. Gegov,A., Sanders,D., **Vatchova,B.**. Complexity management methodology for fuzzy systems with feedback rule bases. , 26, 1, Journal of Intelligent and Fuzzy Systems, 2014, 451 - 464. ISI IF:1.479

Цитира се в:

709. Garcia D., Gámez J. C., González-Muñoz A. Pérez R. INTERNATIONAL JOURNAL OF APPROXIMATE REASONING, vol.67, pp. 37-58, December 2015., in An interpretability improvement for fuzzy rule bases obtained by the iterative rule learning approach. ARTICLE **@2015**

355. **Atanassov, E.**, **Gurov, T.**, **Karaivanova, A.**, **Ivanovska, S.**, **Durchova, 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:

710. Stoykov, S. and Margenov, S., Scalability of Shooting Method for Nonlinear Dynamical Systems, Lecture Notes in Computer Science, 9374, Springer International Publishing, 2015, pp. 401-408, ISSN:0302-9743, DOI: 10.1007/978-3-319-26520-9_45, SJR: 0.339, **@2015**

711. Shterev K. S., Iterative process acceleration of calculation of unsteady, viscous, compressible, and heat-conductive gas flows, Int. J. Numer. Meth. Fluids, 2015, 77, pp. 108–122, doi: 10.1002/fld.3979, IF: 1.244, **@2015**

356. Wasielewska K, Ganzha M, Paprzycki M, Szmeja P, Drozdowicz M, **Lirkov I**, Bădică C. Applying Saaty's Multicriterial Decision Making Approach in Grid Resource Management. Information Technology and Control, 43, 1, 2014, ISSN:1392-124X, DOI:10.5755/j01.itc.4 3 . 1. 4587, 73 - 87. ISI IF:0.623

Цитира се в:

712. Wątróbski, J., Jankowski, J. Guideline for MCDA method selection in production management area, New Frontiers in Information and Production Systems Modelling and Analysis, Intelligent Systems Reference Library, 98, Springer International Publishing (2015), pp. 119-138. ISBN 978-3-319-23337-6, **@2015**

713. Bartonek, D., & Dermeková, S. (2015). Principles of Territorial Development: Using Spatial Tools Based on GIS. Global Journal on Technology Vol. 8, pp 98-107., **@2015**

357. **Minchev, Z.**, **Dimitrov, V.**, Tulechka, M., **Boyanov, L.**. Multimedia as an Emerging Cyberthreat in Modern Social Networks. Proceedings of International Conference "Automatics & Informatics", John Atanassov Society, 2014, ISSN:1313-1850, DOI:10.13140/2.1.1333.6641, I-179 - I-182

Цитира се в:

714. Motyka, M. Nowe metody odurzania się. Cz. VII. Narkotyki cyfrowe, Problemy Higieny i Epidemiologii, vol. 96, no. 2, pp. 309-314, 2015, ISSN 1895-4316, **@2015**

358. **Tchamova, A.**, Dezert, J.. Performance evaluation of fuzzy-based fusion rules for tracking applications. International Journal of Reasoning-based Intelligent System, 6, 3/4, 2014, DOI:10.1504/IJRIS.2014.066251, 126 - 135. SJR:0.143

Цитира се в:

715. Ilin, R. Blasch, E. "Information fusion with belief functions: A comparison of proportional conflict redistribution PCR5 and PCR6 rules for networked sensors", Proc. of 18th International Conference on Information Fusion ,2015, Washington DC, pp. 2084 - 2091., **@2015**

359. Zlatev, Z., **Georgiev, K.**, **Dimov, I.**. 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:

716. Amira Ismail, Annie Gorgey, Behaviour of the Extrapolated Implicit IMR and ITR With and Without Compensated Summation, MATEMATIKA, 2015, Volume 31, Number 1, 47–57, ISSN: 0127-8274, **@2015**

717. Ismail, A., & Gorgey, A. (2015, October). Behaviour of extrapolated implicit order-2 Runge-Kutta methods with and without compensated summation. In THE 22ND NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES (SKSM22): Strengthening Research and Collaboration of Mathematical Sciences in Malaysia (Vol. 1682, p. 020051). AIP Publishing., **@2015**

360. 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:

718. Gyoshev S., High Speed Briquetting Of Metal Chips And Powders, International Conference "Robotics, Automation And Mechatronics" RAM 2015, November 5, 2015, ISSN 1314-4634, pp. 50-54, **@2015**

361. Andreev A. B., Racheva M. R.. Two-sided bounds of eigenvalues of second- and fourth-order elliptic operators. Applications of Mathematics, 59, 4, Springer Berlin Heidelberg, 2014, ISSN:0862-7940, DOI:10.1007/s10492-014-0062-6, 371 - 390. SJR:0.216

Цитира се в:

719. K. Kobayashi, On the interpolation constants over triangular elements, Conference "Applications of Mathematics 2015", Institute of Mathematics AS CR, Prague 2015, 110-124., **@2015**

362. Oubbati, M., Kord, B., **Koprinkova-Hristova, P.**, Palm, G.. Learning of embodied interaction dynamics with recurrent neural networks: some exploratory experiments. Journal of Neural Engineering, 11, 2, IOP Publishing, 2014, ISSN:17412560, DOI:10.1088/1741-2560/11/2/026019, SJR:1.399, ISI IF:3.295

Цитира се в:

720. Wootton, A.J., Day, C.R., Haycock, P.W., An Echo State Network approach to structural health monitoring, 2015 IEEE International Joint Conference on Neural Networks (IJCNN), 12-17 July 2015, Killarney, Ireland, Page(s):1 - 7; INSPEC Accession Number:15504258; DOI:10.1109/IJCNN.2015.7280627; SJR 2014: 0.180, **@2015**

363. Gyoshev S.. Study of parameters of controlled impact by impact deformation of elastic materials. International Conference "Robotics, Automation And Mechatronics" RAM 2014, 2014, ISSN:1314-4634, 46 - 50

Цитира се в:

721. Пенчев Т., Стоименов Н., Алтапърмаков И., Управляем удар: експериментални резултати при пластична деформация, 28-ма Международна научна конференция на Машинно-технологичния факултет на Технически университет – София, 11-13

септември 2015 г. Созопол, България, стр. 151-156, ISBN: 987-619-167-178-6, **@2015**

364. **Liolios, K.**, Moutsopoulos, K., Tsihrintzis, V.. Comparative Modeling of HSF Constructed Wetland Performance With and Without Evapotranspiration and Rainfall. Environmental Processes, 1, 2, Springer International Publishing, 2014, ISSN:2198-749, DOI:http://dx.doi.org/10.1007/s40710-014-0019-5, 171 - 186

Цитира се в:

722. Srivastava, P. K., Islam, T., Gupta, M., Petropoulos, G., & Dai, Q. (2015). WRF Dynamical Downscaling and Bias Correction Schemes for NCEP Estimated Hydro-Meteorological Variables. Water Resources Management, 29(7), 2267-2284., **@2015**

365. **Popchev, I.**, Konstantinov, M., Petkov, P., **Angelova, V.**. Norm-wise, mixes and component-wise condition numbers of matrix equation A_0 +\sum_k^{i=1} \sigma_i A_i^* X^{p_i}A_i=0, \sigma_i=+\-1. Journal of Applied and Computational Mathematics, 13, 1, AZERBAIJAN NATIONAL ACAD SCI, 2014, ISSN:1683-3511, 18 - 30. ISI IF:0.452

Цитира се в:

723. Ali, A. A., & Hasanov, V. I. On some sufficient conditions for the existence of a positive definite solution of the matrix equation X+ A* X− 1A− B* X− 1B= I. In 41ST INTERNATIONAL CONFERENCE "APPLICATIONS OF MATHEMATICS IN ENGINEERING AND ECONOMICS" AMEE'15 (Vol. 1690, p. 060001). AIP Publishing., **@2015**

366. **Alexandrov, A.**, **Monov, V.**. Implementation of a service oriented architecture in smart sensor systems integration platform. Proc. of the Third International Conference on Telecommunications and Remote Sensing – ICTRS'14, SCITEPRESS-Science and Technology Publications, 2014, ISBN:ISBN 978-989-758-033, DOI:10.5220/0005422101140120, 114 - 118

Цитира се в:

724. Atanasova, T. "Smart buildings, fog computing", IoT, Proc. of the Int. Conference „Telecommunications, Informatics, Energy and Management TIEM`15", Bitola, Republic of Macedonia, University of Telecommunication and Posts, Vol. II, 2015 pp. 110-114, ISSN 2367-8437, **@2015**

367. Lukin, K.A., **Kudriashov, V.V.**, Vyplavin, P.L., Palamarchuk, V.P.. Coherent imaging in the range-azimuth plane using a bistatic radiometer based on antennas with beam synthesizing. IEEE Aerospace and Electronic Systems Magazine, 29, 7, Institute of Electrical and Electronics Engineers Inc., 2014, ISSN:0885-8985, DOI:10.1109/MAES.2014.130142, 16 - 22. ISI IF:0.438

Цитира се в:

725. Doukovska, L.A.; Conventional Hough detector in presence of randomly arriving impulse interference; Radar Symposium (IRS), 2015 16th International; 24-26 June 2015; Dresden; pp. 487 – 492. DOI: 10.1109/IRS.2015.7226256, **@2015**

368. **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:

726. H. Akhavan, P. Ribeiro, Non-linear forced periodic oscillations of laminates with curved fibres by the shooting method, International Journal of Non-Linear Mechanics 76 (2015) 176–189, DOI: 10.1016/j.ijnonlinmec.2015.06.004, **@2015**

727. T. Detroux, L. Renson, L. Masset, G. Kerschen, The harmonic balance method for bifurcation analysis of large-scale nonlinear mechanical systems, Computer Methods in Applied Mechanics and Engineering 296 (2015) 18-38, DOI: 10.1016/j.cma.2015.07.017, **@2015**

728. H. Akhavan, Non-linear Vibrations of Tow Placed Variable Stiffness Composite Laminates, University of Porto (2015), PhD thesis., **@2015**

369. 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:

729. Xue F., Cai Y., Cao Y., Cui Z., Li F., Optimal parameter settings for bat algorithm, Int. J. of Bio-Inspired Computation, Vol. 7(2), ISSN:1758-0366, SJR 1.009, 2015, pp. 125—128., **@2015**

370. Popchev, I., **Angelova, V.**. Residual bound of the matrix equations X +/- A_2H^ X^{-1} A_2 = A_1. C. R. Acad. Bulg. Sci., 67, 9, 2014, ISSN:1310-1331, 1217 - 1222. SJR:0.21, ISI IF:0.284

Цитира се в:

730. Hasanov, Vejdi, Sevdzhan Hakkaev, Newton's Method for a Nonlinear Matrix Equation, Compt Rend Acad bulg. Sci., 68(8), 2015, ISSN 1310-1331, 973-982., **@2015**

371. Stoyanov, S., Valkanov, V., **Popchev, I.**, Stoyanova-Doycheva, A., Doychev, A.. A Model of Context-Aware Agent Architecture. Comptes rendus de l'Académie bulgare des Sciences, 67, 4, Prof. Marin Drinov Academic Publishing House, 2014, ISSN:1310-1331, 487 - 496. ISI IF:0.218

Цитира се в:

731. Георгиев, П., Проблеми на мениджърите при производство на нови продукти за ЕС, Сборник с доклади от юбилейната научно-практическа конференция с международно участие "Времена на несигурност и рискове: възможности и перспективи за развитие", Пловдив, ISBN 978-619-202-036-1, 2015, стр. 116-123., **@2015**

372. 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:

732. Capizzi, G., Lo Sciuto, G., Napoli, C., Tramontana, E., & Wozniak, M. (2015, September). Automatic classification of fruit defects based on co-occurrence matrix and neural networks. In Computer Science and Information Systems (FedCSIS), 2015 Federated Conference on pp. 861-867. IEEE., **@2015**

733. Drag, P., & Styczen, K. (2015, September). Simulated annealing with constraints aggregation

for control of the multistage processes. In Computer Science and Information Systems (FedCSIS), 2015 Federated Conference on (pp. 461-469). IEEE., **@2015**

734. Xianfeng Y, HongTao L. Load Balancing of Virtual Machines in Cloud Computing Environment Using Improved Ant Colony Algorithm, Int J. of Grid Distributed Computing, Vol. 8(6), ISSN: 2005-4262 , 2015, pp. 19-30., **@2015**

373. **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:

735. ORDEHI, R., A survey of premature convergence mitigation strategies in particle swarm optimisation. Frontiers, 1, ISSN 2095-9184, doi:10.1631 1/FITEE.15000 65, IF 0.415, 2015., **@2015**

374. 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:

736. Kei Moritsugu, Ryotaro Koike, Kouki Yamada, Hiroaki Kato, and Akinori Kidera, Motion Tree Delineates Hierarchical Structure of Protein Dynamics Observed in Molecular Dynamics Simulation PLoS One. 2015; 10(7): e0131583; doi: 10.1371/journal.pone.0131583, **@2015**

375. 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:

737. Khuntawee, W., Wolschann, P., Rungrotmongkol, T., Wong-Ekkabut, J. , and Hannongbua, S. , Molecular Dynamics Simulations of the Interaction of Beta Cyclodextrin with a Lipid Bilayer, Journal of Chemical Information and Modeling, 2015, 55 (9), 1894-1902, DOI: 10.1021/acs.jcim.5b00152, IF: 3.738, **@2015**

738. Wang, J. , Wei, R., Tian, Y., Yang, N., Xu, X., Zimmermann, W. , Jin, Z., Multi-wavelength colorimetric determination of large-ring cyclodextrin content for the cyclization activity of 4-α-glucanotransferase, Carbohydrate Polymers, Volume 122, 2015, pp. 329-335, DOI: 10.1016/j.carbpol.2014.12.010, IF: 4.074, **@2015**

376. **Staykova, K.**. Natural Language Generation and Semantic Technologies. CYBERNETICS AND INFORMATION TECHNOLOGIES, 14, 2, 2014, ISSN:Print ISSN: 1311-9702 Online ISSN: 1314-4081, 3 - 23. SJR:0.17

Цитира се в:

739. A. Nijim, A. El Shenawy, M. T. Mostafa, R. A. Alez: "A NOVEL APPROACH FOR RECOGNIZING TEXT IN ARABIC ANCIENT MANUSCRIPTS", International Journal on Natural Language Computing (IJNLC) Vol. 4, No.6, December 2015, **@2015**

377. 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:

740. Siniša Krunić, Sergej Lugović. Supporting education and learning with game design elements. In: Proc. of 19th International Conference on Engineering Education, July 20-24, 2015, Zagreb, Croatia, ISBN: 978-953-246-232-6, 636-644., **@2015**

741. Anna Hansch, Christopher Newman, Thomas Schildhauer. Fostering Engagement with Gamification: Review of Current Practices on Online Learning Platforms. HIIG Discussion Paper Series No. 2015-04, Alexander von Humboldt Institute for Internet and Society, 1-37, **@2015**

742. Faiella F., Ricciardi M. Gamification and learning: a review of issues and research, Journal of e-Learning and Knowledge Society, 2015, v.11, n.3, 13-21. ISSN: 1826-6223, e-ISSN:1971-8829, **@2015**

743. Wilson, Darren; Calongne, Cynthia; and Henderson, S. Brook (2015) "Gamification Challenges and a Case Study in Online Learning," Internet Learning: Vol. 4: Iss. 2, Article 8., **@2015**

378. 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:

744. Vankova D., E. Sotirova, V. Bureva, An application of the InterCriteria Analysis approach to health-related quality of life, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 5, pp. 40-48, 2015., **@2015**

745. Ilkova T., M. Petrov, Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River, Series: Advances in Intelligent Systems and Computing, Chapter: Novel Developments in Uncertainty Representation and Processing, Atanassov K., Castillo O. Kacprzyk J., Sotirov S., Sotirova E., Szmidt E., Guy De Tre, Zadrozny S. (Eds), Springer, vol. 401, ISBN 978-3-319-26210-9, pp. 351-364, 2015., **@2015**

746. Ilkova T., M. Petrov, Intercriteria Analysis for Identification of Escherichia Coli Fed-Batch Mathematical Model, Journal of International Scientific Publications: Materials, Methods & Technology, ISSN 1314-7269, 9, 2015, pp. 598-608, 2015., **@2015**

747. Ilkova T., M. Petrov, Application of InterCriteria Analysis to the Mesta River Pollution Modelling, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 2, pp. 118-125, 2015., **@2015**

379. 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:

748. Vankova D., E. Sotirova, V. Bureva, An application of the InterCriteria Analysis approach to health-related quality of life, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 5, pp. 40-48, 2015., **@2015**

749. Ilkova T., M. Petrov, Intercriteria Analysis for Identification of Escherichia Coli Fed-Batch Mathematical Model, Journal of International Scientific Publications: Materials, Methods & Technology, ISSN 1314-7269, 9, 2015, pp. 598-608, 2015., **@2015**

750. Ilkova T., M. Petrov, Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River, Series: Advances in Intelligent Systems and Computing, Chapter: Novel Developments in Uncertainty Representation and Processing, Atanassov K., Castillo O. Kacprzyk J., Sotirov S., Sotirova E., Szmidt E., Guy De Tre, Zadrozny S. (Eds), Springer, vol. 401, ISBN 978-3-319-26210-9, pp. 351-364, 2015., **@2015**

751. Ilkova T., M. Petrov, Application of InterCriteria Analysis to the Mesta River Pollution Modelling, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 2, pp. 118-125, 2015., **@2015**

380. Todorov, Y., Miteva, D., Dimov, K., Nacheva, I., Doneva, M., Metodieva, P.. Modern Technological Approaches for Ensuring of Harmless and Quality Fruits. Bulgarian Journal of Agricultural Science, 20, 2, Agricultural Academy, Bulgaria, 2014, ISSN:1310-0351, 243 - 245. SJR:0.196

Цитира се в:

752. Hamid R Taghiyari, Afsaneh Kalantarib, Amir Ershad Langroudi, Effects of Wollastonite Nanofibers on Biological Resistance of Historical Paper against Aspergillus Niger, Lignocellulose Journal, vol 3(2), ISSN 2322-1577, 111-118, 2015., **@2015**

2015

381. Ratchev, V., Petkov, V., **Tagarev, T.**. Evolving Security Concepts: The Premium on Governance in the Case of Bulgaria. Information & Security: An International Journal, 33, 2, Procon, 2015, ISSN:0861-5160, DOI:10.11610/isij.3304, 83 - 107

Цитира се в:

753. Sweijs, Tim, and Milos Jovanovic. "Assessing Comprehensive Security Approaches in Action: An Introduction." Information & Security: An International Journal 33, no. 1 (2015): 5-9. DOI: 10.11610/isij.3300, **@2015**

382. 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:

754. Losada, Bell Manrique, Gloria Piedad Gasca Hurtado, and María Clara Gómez Alvarez. "Assessment proposal of teaching and learning strategies in software process improvement." Revista Facultad de Ingeniería 77 (2015): 105-114., **@2015**

755. Siniša Krunić, Sergej Lugović. Supporting education and learning with game design elements. In: Proc. of 19th International Conference on Engineering Education, July 20-24, 2015, Zagreb, Croatia, ISBN: 978-953-246-232-6, 636-644., **@2015**

756. Anna Hansch, Christopher Newman, Thomas Schildhauer. Fostering Engagement with Gamification: Review of Current Practices on Online Learning Platforms. HIIG Discussion Paper Series No. 2015-04, Alexander von Humboldt Institute for Internet and Society, 1-37, **@2015**

757. J. Simões, R. Redondo, A. Vilas. USING FLOW AS A MEASUREMENT OF STUDENTS ENGAGEMENT IN A GAMIFIED SOCIAL LEARNING ENVIRONMENT. Proc. of the 8th International Conference of Education, Research and Innovation ICERI2015, 18-20 November, 2015, Seville, Spain, ISBN: 978-84-608-2657-6, ISSN: 2340-1095, 291-301., **@2015**

758. Panagiotis Zaharias, Athanasios Papagelis. Gamifying a Learning Management System: The case of TalentLMS. IN: II International Workshop on Gamification in Education: gEducation 2015, July 16, 2015., **@2015**

759. Biyun Huang, Khe Foon Hew. Do points, badges and leaderboard increase learning and activity: A quasi-experiment on the effects of gamification. In: Proc. of the 23rd International Conference on Computers in Education, Nov. 30 - Dec. 4, 2015, Hangzhou, China, 275-280., **@2015**

760. De Schutter, Bob, and Salvatore Papa. Return of Gradequest-Evaluating the Third Iteration of a Gameful Course. In: Proc. of the International Conference on Foundations of Digital Games 2015, June 22 - June 25, 2015, Pacific Grove, CA (http://fdg2015.org/)., **@2015**

761. Murilo Rocha Regalado,Thiago Reis da Silva, Eduardo Henrique da Silva Aranha. A Systematic Mapping on the use of Gamification in Virtual Learning Environments. Revista Novas Tecnologias na Educação, Vol 13. Nº 2, dezembro 2015, 1-10, ISSN eletrônico: 1679-1916, **@2015**

762. M. Pollanen, B. Cater, and S. Kang. Risk as a Gamification Element in Online Homework. In: Proceedings of The 4th Multidisciplinary Academic Conference on Education, Teaching and Learning MAC-ETL 2015, Agust 7-8, 2015, Prague, ISBN 978-80-88085-01-0, **@2015**

763. Karl M. Kapp. Choose Your Level: Using Games and Gamification to Create Personalized Instruction. White Paper, Institute of Interactive Technologies, 2015., **@2015**

764. Jorge Simões. The 7 Most Used Game Elements and Game Techniques in Education. Education & eLearning 2.0, February 27, 2015, **@2015**

765. Helms, Remko W.; Barneveld, Rick; and Dalpiaz, Fabiano, A Method for the Design of Gamified Trainings, PACIS 2015 Proceedings. Paper 59, 2015, **@2015**

766. Jorge Simões, Sérgio Mateus, Rebeca Redondo, Ana Vilas. An Experiment to Assess Students' Engagement in a Gamified Social Learning Environment. eLearning Papers, n.º 43, July 2015, pp.38-42, ISSN: 1887-1542, **@2015**

767. Broer, Jan, and Andreas Breiter. Potentials of Gamification in Learning Management Systems: A Qualitative Evaluation. Design for Teaching and Learning in a Networked World. Springer International Publishing, 2015. 389-394., **@2015**

768. Alexander Bartel, Paula Figas, Georg Hagel. Towards a Competency-based Education with Gamification Design Elements. In: Proceedings of the 2015 Annual Symposium on Computer-Human Interaction in Play - CHI PLAY '15, ACM New York, NY, USA ©2015, 457-462, ISBN: 978-1-4503-3466-2 doi>10.1145/2793107.2810325, **@2015**

383. Jovanovic, M., **Ratchev, V.**, **Tagarev, T.**, Petkov, V., Todorova, A., Elman, P.. Case Study on South-Eastern Europe. , 2015, DOI:10.11610/evocs.d82

Цитира се в:

769. Daniela Lieberz, "Multivariate Statistics of Security Perceptions in Europe," Information & Security: An International Journal 33, 2 (2015): 138-166. DOI: 10.11610/isij.3307, **@2015**

384. 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:

770. Gyoshev S., Penchev T., Advanced computing for high speed briquetting of metal chips and powders., International Conference Robotics, Automation and Mechatronics'15 RAM, November 5, 2015, ISSN 1314-4634, pp.44-49, **@2015**

771. Gyoshev S., High speed briquetting of metal chips and powders., International Conference Robotics, Automation and Mechatronics'15 RAM, November 5, 2015, ISSN 1314-4634, pp.44-49, **@2015**

385. Gyoshev S., **Karastoyanov D.**. Експериментално изследване на процеса „уплътняване на железен прах". XXIV МНТК – АДП 2015 , Созопол, 26-28 юни, 2015, ISSN:1310-3946, 140 - 147

Цитира се в:

772. Пенчев Т., Стоименов Н., Алтапърмаков И., Управляем удар: експериментални резултати при пластична деформация, 28-ма Международна научна конференция на Машинно-технологичния факултет на Технически университет – София, 11-13 септември 2015 г. Созопол, България, стр. 151-156, ISBN: 987-619-167-178-6, **@2015**

386. 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:

773. H. Akhavan, Non-linear Vibrations of Tow Placed Variable Stiffness Composite Laminates, University of Porto (2015), PhD thesis., **@2015**

387. Karastoyanov, D., **Doukovska, L.**, **Gyoshev, S.**, Kalaykov, I.. InterCriteria Decision Making Approach for Metal Chips 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, 297 - 301

Цитира се в:

774. Пенчев Т., Стоименов Н., Алтапърмаков И., Управляем удар: експериментални резултати при пластична деформация, 28-ма Международна научна конференция на Машинно-технологичния факултет на Технически университет – София, 11-13 септември 2015, Созопол, България, ISBN 987-619-167-178-6, стр. 151-156., **@2015**

388. Atanassov, K., Atanassova, V., **Gluhchev, G.**. InterCriteria analysis: ideas and problems. Notes on Intuitionistic Fuzzy Sets, 21, 1, 2015, ISSN:1310–4926, 81 - 88

Цитира се в:

775. Roeva, O., P. Vassilev, M. Angelova, T. Pencheva: InterCriteria Analysis of Parameters Relations in Fermentation Processes Models, Springer International Publishing Switzerland, Computational Collective Intelligence, Volume 9330 of the series Lecture Notes in Computer Science, pp 171-181, Date: 24 October 2015, DOI 10.1007/978-3-319-24306-1_17, ISBN(Print) 978-3-319-24305-4 ISBN(Online) 978-3-319-24306-1, ISSN 0302-9743, **@2015**

776. Stratiev, D., I. Shishkova, A. Nedelchev, K. Kirilov: Investigation of relationships between petroleum properties and their impact on crude oil compatibility, Energy Fuels, 2015, 29 (12), pp 7836–7854, DOI: 10.1021/acs.energyfuels.5b01822, Date (Web): November 16, 2015, **@2015**

777. Stratiev, D., A. Nedelchev, I. Shishkova, A. Ivanov, I. Sharafutdinov, R. Nikolova, Mitkova M., Yordanov, N. Rudnev, Zl. Belchev, V. Atanassova, Kr. Atanassov: Dependence of visbroken residue viscosity and vacuum residue conversion in a commercial visbreaker unit on feedstock quality, Fuel Processing Technology, Volume 138, October 2015, pp 595–604, DOI: 10.1016/j.fuproc.2015.06.044, ISSN: 0378-3820, **@2015**

778. Krawczak, M., V. Bureva, E. Sotirova, E. Szmidt: Application of the InterCriteria Decision Making Method to Universities Ranking, Springer International Publishing Switzerland, Novel Developments in Uncertainty Representation and Processing, Volume 401 of the series Advances in Intelligent Systems and Computing, pp 365-372, Date: 24 October 2015, DOI 10.1007/978-3-319-26211-6_31, ISBN: 978-3-319-26210-9 (Print) 978-3-319-26211-6 (Online), ISSN 2194-5357, **@2015**

779. Roeva, O., P. Vassilev: InterCriteria Analysis of Generation Gap Influence on Genetic Algorithms Performance, Springer International Publishing Switzerland, Novel Developments in Uncertainty Representation and Processing, Volume 401 of the series Advances in Intelligent Systems and Computing, pp 301-313, Date: 24 October 2015, DOI 10.1007/978-3-319-26211-6_26, Print ISBN 978-3-319-26210-9 Online ISBN 978-3-319-26211-6, ISSN 2194-5357, **@2015**

780. Bureva, V., E. Sotirova, S. Sotirov, D. Mavrov: Application of the InterCriteria decision making method to Bulgarian universities ranking, 19th Int. Workshop on IFSs, Burgas, 4–6 June 2015 Notes on Intuitionistic Fuzzy Sets, Vol. 21, 2015, No. 2, pp 111–117, ISSN 1310–4926, **@2015**

781. Pencheva, T., M. Angelova, P. Vassilev, O. Roeva: InterCriteria Analysis Approach to Parameter Identification of a Fermentation Process Model, Springer International Publishing Switzerland, Novel Developments in Uncertainty Representation and Processing, Volume 401 of the series Advances in Intelligent Systems and Computing, pp 385-397, Date: 24 October 2015, DOI 10.1007/978-3-319-26211-6_33, Print ISBN 978-3-319-26210-9, Online ISBN 978-3-319-26211-6, ISSN 2194-5357, **@2015**

782. Sotirov, S., E. Sotirova, P. Melin, O. Castilo: Modular Neural Network Preprocessing Procedure with Intuitionistic Fuzzy InterCriteria Analysis Method, Springer International Publishing Switzerland, Flexible Query Answering Systems 2015, Volume 400 of the series Advances in Intelligent Systems and Computing, pp 175-186, Date: 21 October 2015, DOI

10.1007/978-3-319-26154-6_14, Print ISBN 978-3-319-26153-9 Online ISBN 978-3-319-26154-6, ISSN 2194-5357, **@2015**

389. 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. Senies. 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:

783. Георгиев П., Проблеми на мениджърите при производство на нови продукти за ЕС, Сборник с доклади от юбилейната научно-практическа конференция с международно участие "Времена на несигурност и рискове: възможности и перспективи за развитие", Пловдив, ISBN 978-619-202-036-1, 2015, стр. 116-123., **@2015**

390. **Simov, K.**, **Osenova, P.**. Catena Operations for Unified Dependency Analysis. Proceedings of the Third International Conference on Dependency Linguistics (Depling 2015), Uppsala University, Department of Linguistics and Philology, 2015, ISBN:978-91-637-8965-6, 320 - 329

Цитира се в:

784. Manuela Sanguinetti. 2015. Experimenting the use of catenae in Phrase-Based SMT. The Second Italian Computational Linguistics Conference. Trento on December 3-4 2015, **@2015**

391. 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:

785. Ilkova T., M. Petrov, Application of InterCriteria analysis to the Mesta River pollution modelling, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 2, pp. 118–125, 2015., **@2015**

786. Vankova D., E. Sotirova, V. Bureva, An application of the InterCriteria Analysis approach to health-related quality of life, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 5, pp. 40-48, 2015., **@2015**

787. Ilkova T., M. Petrov, Intercriteria Analysis for Identification of Escherichia Coli Fed-Batch Mathematical Model, Journal of International Scientific Publications: Materials, Methods & Technology, ISSN 1314-7269, 9, 2015, pp. 598-608, 2015., **@2015**

788. Ilkova T., M. Petrov, Using Intercriteria Analysis for Assessment of the Pollution Indexes of the Struma River, Series: Advances in Intelligent Systems and Computing, Chapter: Novel Developments in Uncertainty Representation and Processing, Atanassov K., Castillo O. Kacprzyk J., Sotirov S., Sotirova E., Szmidt E., Guy De Tre, Zadrozny S. (Eds), Springer, vol. 401, ISBN 978-3-319-26210-9, pp. 351-364, 2015., **@2015**

392. 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, 2015, ISSN:1569-8025, DOI:doi:10.1007/s10825-014-0635-3., 151 - 162. ISI IF:1.52

Цитира се в:

789. Jonasson, O., and I. Knezevic. "Dissipative transport in superlattices within the Wigner function formalism." Journal of Computational Electronics 14.4 (2015): 879-887., **@2015**

790. Colomés, E., Z. Zhan, and X. Oriols. "Comparing Wigner, Husimi and Bohmian distributions: which one is a true probability distribution in phase space?." Journal of Computational Electronics 14.4 (2015): 894-906., **@2015**

393. Atanassova V.,, **Doukovska, L.**, **Karastoyanov, D.**, Čapkovič F.. InterCriteria Decision Making Approach to EU Member States Competitiveness Analysis: Trend 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, 107 - 115

Цитира се в:

791. Vankova D., E. Sotirova, V. Bureva. An application of the InterCriteria Analysis approach to health-related quality of life, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 5, pp. 40-48, 2015., **@2015**

792. Bureva V., Sotirova, E., Sotirov, S., D. Mavrov, Application of the InterCriteria decision making method to Bulgarian universities ranking, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 2, pp. 111–117, 2015., **@2015**

793. Mavrov, D. Software for InterCriteria Analysis: Implementation of the main algorithm, Notes on Intuitionistic Fuzzy Sets (NIFS), ISSN 1310-4926, vol. 21, 2, pp. 77–86, 2015., **@2015**

394. **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. ISI IF:22.91

Цитира се в:

794. Hiley, B. J. "On the relationship between the Wigner–Moyal approach and the quantum operator algebra of von Neumann." Journal of Computational Electronics 14.4 (2015): 869-878., **@2015**

795. Jonasson, O., and I. Knezevic. "Dissipative transport in superlattices within the Wigner function formalism." Journal of Computational Electronics 14.4 (2015): 879-887., **@2015**

796. Colomés, E., Z. Zhan, and X. Oriols. "Comparing Wigner, Husimi and Bohmian distributions: which one is a true probability distribution in phase space?." Journal of Computational Electronics 14.4 (2015): 894-906., **@2015**