

Lista Articole

1. Darabant Sergiu Adrian, DARABANT Laura , Clustering methods in data fragmentation , Science_Citation_Expanded, INFORMATION AND SOFTWARE TECHNOLOGY, 14, No 1 , 2011, P.81 - 97
2. Darabant, L. and Plesa, M. and Micu, D.D. and Stet, D. and Ciupa, R. and Darabant, A,Energy Efficient Coils for Magnetic Stimulation of Peripheral Nerves, Science_Citation_Expanded, IEEE TRANSACTIONS ON MAGNETICS, 45, 2009, P.35 - 38
3. DARABANT Laura, Cretu, M., Darabant Sergiu Adrian, Magnetic Stimulation of the Spinal Cord: Experimental Results and Simulations, Science_Citation_Expanded, IEEE TRANSACTIONS ON MAGNETICS, 49, 2013, P.1845 - 1848
4. BORZA Diana Laura , Darabant Sergiu Adrian, DaNESCU Radu, Eyeglasses Lens Contour Extraction from Facial Images Using an Efficient Shape Description , Science_Citation_Expanded, SENSORS, 13 , 2013, P.13638 - 13658
5. CRET Octavian, Darabant Sergiu Adrian, Zsolt Mathe, CIOBANU Paul, MARGINEAN Sonia, A Hardware Algorithm for The Exact Subsequence Matching Problem in DNA Strings , Science_Citation_Expanded, INFORMATION AND SOFTWARE TECHNOLOGY, 12, 1 , 2009, P.35 - 38
6. BOLOGA Bogdana, Darabant Sergiu Adrian, Computer Vision Aided Measurement of Morphological Features in Medical Optics, MathSciNet; Zentralblatt fur Mathematik; CiteSeer; EBSCO, STUDIA UNIVERSITATIS BABEŞ-BOLYAI INFORMATICA, 2010, P.110-120
7. MEZEI Sergiu, Darabant Sergiu Adrian, A Computer Vision Approach to Object Tracking and Counting, MathSciNet; Zentralblatt fur Mathematik; CiteSeer; EBSCO, STUDIA UNIVERSITATIS BABEŞ-BOLYAI INFORMATICA, 2010, P.121-130
8. CRET Octavian, Zsolt Mathe, Grama Cristina, Vacariu Lucia, Roman Flaviu, Darabant Sergiu Adrian, Solving the Maximum Subsequence Problem with a Hardware Agents-based System , ISI, IEE-INSPEC, Transactions on Circuits and Systems, Issue 9, Volume 5, , 2006, P.1470-1478
9. Darabant Sergiu Adrian, Campan Alina, Navroschi Andreea, Optimal Class Fragmentation Ordering in Object Oriented Databases, Mathematical Reviews , Studia Universitatis "Babes-Bolyai", Informatica, XLIX(1) , 2004, P.45-54
10. Darabant Sergiu Adrian, Clustering Algorithms in OODB Fragmentation - A comparative evaluation, MathSciNet, ZBL, Studia Universitatis Babes-Bolyai, Series Informatica, Special Issue 2009 (Knowledge Engineering Principles and Techniques 2009), 2009, P.315-319
11. Darabant Sergiu Adrian, Andreica Anca-Mirela, Hierarchical Clustering in Large Object Datasets - A Study on Complexity, Quality and Scalability, ZentralBlaat, Studia Universitatis Babes-Bolyai, Series Informatica, 2009, P.37-46
12. Bufnea Darius-Vasile, Campan Alina, Darabant Sergiu Adrian, Fine-Grained Macroflow Granularity in Congestion Control Management, BDI, Studia Universitatis Babes-Bolyai, Informatica, Vol. L(1), 2005, P.79-88

13. Varga Viorica, Darabant Sergiu Adrian, Tambulea Leon, Parv Bazil, Storing Location-Based Services' Data in Key-Value Store, Zentralblatt, STUDIA UNIVERSITATIS BABES-BOLYAI INFORMATICA, 2011, P.51-62
14. Darabant Sergiu Adrian, Todoran Horea Silviu, Efficient Data Synchronization for Mobile Wireless Medical Users, STUDIA UNIVERSITATIS BABES-BOLYAI. INFORMATICA, Categ CNCSIS B+, LII, No1, 2007, P.67 - 77
15. Darabant Sergiu Adrian, A new approach in fragmentation of distributed object oriented databases using clustering techniques, STUDIA UNIVERSITATIS BABES-BOLYAI. INFORMATICA, Categ CNCSIS B+, Vol L, Number 2, 2005, P.91 - 106
16. Darabant Sergiu Adrian, Campan Alina, O. Cret, Using Fuzzy Clustering For Advanced OODB Horizontal Fragmentation With Fine-Grained Replication, IASTED International Conference on Databases And Applications DBA 2005, part of the 23rd Multi-Conference on Applied Informatics, Austria, IASTED/ACTA Press 2005, Editor: M. H. Hamza, 0-88986-462-4, DBLP, 2005, P. 116-121
17. Darabant Sergiu Adrian, Campan Alina, Moldovan Grigor, Grebla Horea-Adrian, AI Clustering Techniques: A New Approach in Horizontal Fragmentation of Classes with Complex Attributes and Methods in Object Oriented Databases, International Conference on Theory and Applications of Mathematics and Informatics ICTAMI 2004, Thessaloniki, Grecia, -, 2004, P. 109-128
18. A.S. Darabant, M.C. Ispas, D. Borza, OptiMeasure: A Mobile Improvement Alternative to Classic Optical Measurement, STUDIA UNIV. BABES,-BOLYAI, INFORMATICA, Volume LVIII, Number 4, 201, pp102-120
19. Tambulea Leon, Darabant Sergiu Adrian, Navroschi Andreea, REDUNDANT SPATIAL INDEX FOR SOLVING RANGE QUERIES, Mathematica Reviews, STUDIA UNIV. BABES, Volume LVII, Number 4, 2012, P.75-84
20. Campan Alina, Darabant Sergiu Adrian, Czibula Gabriela, Clustering Techniques for Adaptive Horizontal Fragmentation in Object Oriented Databases, ICTAMI'05, Acta Universitatis Apulensis,0, Mathematical Reviews, 2005, P. 263-274
21. L Tambulea,Darabant Sergiu Adrian, VARGA Viorica, Data Transfer Optimization in Distributed Database Query Processing, in Studia Universitatis Babes-Bolyai Series Informatica, P 71-82, 2014, MathSciNet, ZentralBlaat
22. Horea Grebla, Grigor Moldovan, Sergiu Adrian Darabant, Alina Câmpan, DATA ALLOCATION IN DISTRIBUTED DATABASE SYSTEMS PERFORMED BY MOBILE INTELLIGENT AGENTS, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics - ICTAMI 2004, Thessaloniki, Greece, pp164-173
23. Adrian DARABANT, Alina CAMPAN, Hierarchical clustering in object oriented data models with complex class relationships. În : Proceedings of the 8th IEEE International Conference on Intelligent Engineering Systems, INES2004., 2004, p. 307-312
24. Darabant, A.S., Campan, A., Hierarchical AI Clustering for Horizontal Object Fragmentation, in Proceedings of the Int. Conf. on Computers and Communications, Oradea, Romania, pp 105-109, 2004.
25. Andreea SABAU, Adrian DARABANT, Alina CAMPAN, The SKDBKD-tree: an optimization of SKD-tree. În : Proceedings of the Fourth International Conference on Applied Mathematic. [s. l.] : [s. n.], 2004, p. 23-26.

26. Adrian Sergiu Darabant, Alina Campan, Semi-supervised learning techniques: k-means clustering in OODB Fragmentation, IEEE International Conference on Computational Cybernetics, pag 333-338, 2004, Viena.
27. O Cret, S Mathe, B Szente, Z Mathe, C Vancea, F Rusu, A Darabant, Fpga-based scalable implementation of the general smith-waterman algorithm, Iasted Int'l Conf. Parallel and Distrib. Comput. Systems (PDCS), 2004, p. 410-415
28. Diana Laura Borza, Radu Gabriel Danescu, Adrian Sergiu Darabant, Eyeglasses contour extraction using genetic algorithm, 2015 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), 2015, Cluj Napoca, Romania, p 327-333.
29. Mihaela Cretu, Adrian Darabant, Radu V Ciupa, Magnetic Stimulation of the Spinal Cord: Evaluating the Characteristics of an Appropriate Stimulator, Artificial Organs, Vol 39, Issue 10, p 841-848, 2015.
30. Diana Laura Borza, Adrian Sergiu Darabant, Radu Gabriel Danescu, Real-Time Detection and Measurement of Eye Features from Color Image, Sensors MDPI, Vol 16, pp: 24, 2016 .
31. R Danescu, Diana Borza, Adrian Sergiu DARABANT, Fast Eye Tracking and Feature Measurement Using a Multi-Stage Particle Filter, in International Conference on Computer Vision Theory and Applications, pp:258-265, doi: 10.5220/0006130202580265, ISBN: 978-989-758-226-4, VISAPP 2017
32. Adrian Sergiu Darabant, Leon Tambulea, Viorica Varga, Access Patterns Optimization in Distributed Databases Using Data Reallocation, 28th International Conference on Database and Expert Systems Applications DEXA 2017, Part I, LNCS 10438, pp. 178–186, DOI: 10.1007/978-3-319-64468-4 14, ISBN: 978-3-319-64467-7, 2017
33. "Diana Borza,Sergiu Cosmin Nistor,Adrian Sergiu Darabant,
Towards automatic skin tone classification in facial images, 19th International Conference on Image Analysis and Processing, Part II, LNCS 10485, pp:299-309, https://doi.org/10.1007/978-3-319-68548-9_28, ICIAP 2017"
34. Sergiu Cosmin Nistor, Alexandra-Cristina Marina,Adrian Sergiu Darabant,Diana Borza,Automatic gender recognition for “in the wild” facial images using convolutional neural networks, 13th IEEE International Conference on Intelligent Computer Communication and Processing, ICCP2017, DOI:10.1109/ICCP.2017.8117018, Cluj Napoca, Romania
35. "Adrian Sergiu Darabant, Viorica Varga and Leon Tambulea, A Linear Approach to Distributed Database Optimization Using Data Reallocation, 25th International Conference on Software, Telecommunications and Computer Networks (SOFTCOM2017), DOI: 10.23919/SOFTCOM.2017.8115503, ISBN: 978-953-290-078-1, Split, Croatia, pag 20-28"
36. Diana Borza, Adrian Darabant and Radu Danescu, AUTOMATIC SKIN TONE EXTRACTION FOR VISAGISM APPLICATIONS, 13th International Conference on Computer Vision Theory and Applications, VISAPP 2018, ISBN: 978-989-758-290-5, pp:466-473, DOI: 10.5220/0006711104660473, 2018
37. Diana Borza, Radu Danescu, Razvan Itu, Adrian Sergiu Darabant, High-speed video system for micro-expression detection and recognition, Sensors MDPI, pp:19, 17(12), 2913, doi:10.3390/s17122913, 2017

38. Sergiu Cosmin Nistor, Adrian Sergiu Darabant, Diana Borza, Micro-Expressions Detection Based on Micro-Motions Dense Optical Flows, 26th International Conference on Software, Telecommunications and Computer Networks (SOFTCOM2018), DOI:10.23919/SOFTCOM.2018.8555833 , Split, Croatia
39. Diana Borza, Tudor Ileni, and Adrian Darabant, A deep learning approach to hair segmentation and color extraction from facial images, Advanced Concepts for Intelligent Vision Systems. ACIVS 2018, DOI: 10.1007/978-3-030-01449-0_37, ISBN:978-3-030-01449-0, pp 438-449.
40. Tudor Ileni, Diana Borza, Adrian Sergiu DARABANT, Fast In-the-Wild Hair Segmentation and Color Classification, 14th International Conference on Computer Vision Theory and Applications, VISAPP 2019, ISSN: 2184-4321, ISBN: 978-989-758-354-4, DOI: 10.5220/0007250500590066
41. Alexandru I. Marinescu, Tudor Alexandru Ileni, Adrian Sergiu Darabant, A Versatile 3D Face Reconstruction from Multiple Images for Face Shape Classification, 27th International Conference on Software, Telecommunications and Computer Networks (SOFTCOM2019), pp. 1-6, DOI: 10.23919/SOFTCOM.2019.8903745, ISSN: 1847-358X
42. A. I. Marinescu, A. S. Darabant and T. A. Ileni, "A Fast and Robust, Forehead-Augmented 3D Face Reconstruction from Multiple Images using Geometrical Methods," 2020 International Conference on Software, Telecommunications and Computer Networks (SoftCOM), Split, Croatia, 2020, pp. 1-6, doi: <https://doi.org/10.23919/SoftCOM50211.2020.9238250>.
43. Nistor, S.C.; Ileni, T.A.; Dărăbant, A.S. Automatic Development of Deep Learning Architectures for Image Segmentation. Sustainability 2020, 12, 9707, ISSN: 2071-1050, <https://doi.org/10.3390/su12229707>
44. Darabant AS, Borza D, Danescu R. Recognizing Human Races through Machine Learning—A Multi-Network, Multi-Features Study. Mathematics. 2021; 9(2):195, <https://doi.org/10.3390/math9020195>
45. Alexandru Marinescu, Adrian-Sergiu Dărăbant, Tudor-Alexandru Ileni, Optimal Stereo Camera Calibration via Genetic Algorithms, International Joint Conference on Artificial Intelligence, IJCAI 2021, Artificial Intelligence for Autonomous Driving AI4AD Workshop, 2021, Montreal