

Bartosz Krawczyk

Lista publikacji

z dnia 31 października 2013

Publikacje w czasopismach

1. Krawczyk B., Woźniak M., 2014, Diversity measures for one-class classifier ensembles. *Neurocomputing*, vol. 126: 36–44.
2. Krawczyk B., Filipczuk P., 2014, Cytological Image Analysis with Firefly Nuclei Detection and Hybrid One-Class Classification Decomposition. *Engineering Applications of Artificial Intelligence*, vol. 31: 126-136.
3. Krawczyk B., Woźniak M. & Schaefer G., 2014, Cost-sensitive decision tree ensembles for effective imbalanced classification. *Applied Soft Computing*, vol. 14, part C: 554–562.
4. Krawczyk B., Filipczuk P., Woźniak M. & Obuchowicz A., 2014, Diversity-based classifier selection for breast cancer cytological image analysis. *Biomedical Engineering: Applications, Basis and Communications*, vol. 26, no. 1: 1450006-1 – 1450006-8.
5. Krawczyk B., Schaefer G., 2013, Breast Thermogram Analysis using Classifier Ensembles and Image Symmetry Features. *IEEE Systems*. doi: 10.1109/JSYST.2013.2283135
6. Filipczuk P., Krawczyk B. & Woźniak M., 2013, Classifier Ensemble for an Effective Cytological Image Analysis. *Pattern Recognition Letters* vol. 34, no. 14: 1748–1757
7. Szczurek A., Krawczyk B. & Maciejewska M., 2013, VOCs classification based on committee of classifiers coupled with single sensor signals. *Chemometrics and Intelligent Laboratory Systems* vol. 125: 1-10.
8. Jackowski K., Krawczyk B. & Woźniak M., 2013, Application of Adaptive Splitting and Selection Classifier to the SPAM Filtering Problem, *Cybernetics and Systems* vol. 44, no. 6-7: 569-588.
9. Budnik M., Krawczyk B., 2013, On optimal settings of classification tree ensembles for medical decision support. *Health Informatics Journal* vol. 19, no. 1: 3-15.
10. Krawczyk B., Simić D., Simić S. & Woźniak M., 2013, Automatic diagnosis of primary headaches by machine learning methods. *Central European Journal of Medicine* vol. 8, no. 2: 157-165.
11. Woźniak M., Krawczyk B., 2012, Combined Classifier Based On Feature Space Partitioning. *Journal of Applied Mathematics and Computer Science* vol. 22, no. 4: 855–866.
12. Krawczyk B., 2012, Pattern recognition approach to classifying CYP 2C19 isoform. *Central European Journal of Medicine* vol. 7, no. 1: 38-44.

Publikacje w materiałach konferencyjnych / rozdziałach książek

1. Krawczyk B., Woźniak M., Orczyk T., Porwik P., Adaptive Splitting and Selection Method for Non-Invasive Recognition of Liver Fibrosis Stage. 5th Asian Conference On Intelligent Information and Database Systems, *Lecture Notes in Computer Science* vol. 7803: 215-224.
2. Krawczyk B., Woźniak M., Accuracy and Diversity in Classifier Selection for One-Class Classification Ensembles, 2013 IEEE Symposium Series on Computational Intelligence, Symposium on Computational Intelligence and Ensemble Learning CIEL2013: 46-51.
3. Krawczyk B., Woźniak M., On Diversity Measures for Fuzzy One-Class Classifier Ensembles, 2013 IEEE Symposium Series on Computational Intelligence, Symposium on Computational Intelligence and Ensemble Learning CIEL2013: 60-65.
4. Krawczyk B., Schaefer G. & Woźniak M., Combining One-Class Classifiers for Imbalanced Classification of Breast Thermogram Features, 2013 IEEE Symposium Series on Computational Intelligence, Workshop on Computational Intelligence in Medical Imaging CIMI2013: 36-41.
5. Krawczyk B., Schaefer G., Pruned Under-Sampling Balanced Ensemble for Breast Thermogram Analysis. *International Conference on Medical Imaging Using Bio-inspired and Soft Computing MIBISOC2013*: 207-211.

6. Doshi N., Krawczyk B. & Schaefer G., Trained Ensemble Classification of Texture Features for Nailfold Capillaroscopy Pattern Recognition. International Conference on Medical Imaging Using Bio-inspired and Soft Computing MIBISOC2013: 213-218.
7. Krawczyk B., Woźniak M., Pruning One-Class Classifier Ensembles by Combining Sphere Intersection and Consistency Measures, 12th International Conference on Artificial Intelligence and Soft Computing, Lecture Notes in Computer Science vol.7894: 426-436.
8. Krawczyk B., Woźniak M., Incremental Learning and Forgetting in One-Class Classifiers for Data Streams. 8th International Conference on Computer Recognition Systems CORES, Advances in Intelligent and Soft Computing: 319-328.
9. Krawczyk B., Woźniak M., Orczyk T., Porwik P., Cost Sensitive Hierarchical Classifiers for Non-Invasive Recognition of Liver Fibrosis Stage. 8th International Conference on Computer Recognition Systems CORES, Advances in Intelligent and Soft Computing: 641-649.
10. Krawczyk B., Woźniak M., Distributed Privacy-Preserving Minimal Distance Classification. The 8th International Conference on Hybrid Artificial Intelligence Systems HAIS 2013, Lecture Notes in Artificial Intelligence vol. 8073: 462-471.
11. Krawczyk B., Schaefer G. & Woźniak M., An Overview of Classifier Ensembles for Class Imbalance Problems. Proc. of IEEE 2nd International Conference on Informatics, Electronics & Vision ICIEV 2013: 1-4.
12. Doshi N., Krawczyk B., Schaefer G. & Merla A., Automatic detection of scleroderma patterns in nailfold capillaroscopy images. The 17th Annual Conference in Medical Image Understanding and Analysis MIUA 2013: 79-84.
13. Krawczyk B., Schaefer G. & Zhu S. Y., Breast Cancer Identification based on Thermal Analysis and a Clustering and Selection Classification Ensemble. International Conference on Brain and Health Informatics BHI 2013, Lecture Notes in Artificial Intelligence vol. 8211: 256-265.
14. Schaefer G., Krawczyk B. & Doshi N. Improved LBP Texture Classification using Ensemble Learning, Proc. of IEEE International Conference on Multimedia and Expo ICME 2013: 1-6.
15. Krawczyk B., Schaefer G., An Improved Ensemble Approach for Imbalanced Classification Problems. Proc. of IEEE 8th International Symposium on Applied Computational Intelligence and Informatics SACI 2013: 423 – 426.
16. Krawczyk B., Schaefer G. & Woźniak M., A cost-sensitive ensemble classifier for breast cancer classification. Proc. of IEEE 8th International Symposium on Applied Computational Intelligence and Informatics SACI 2013: 427 – 430.
17. Krawczyk B., Schaefer G., A Pruned Ensemble Classifier for Effective Breast Thermogram Analysis. Proc. of 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society EMBC 2013: 7120 – 7123.
18. Schaefer G., Krawczyk B., Doshi N. & Merla A., Scleroderma Capillary Pattern Identification using Texture Descriptors and Ensemble Classification. Proc. of 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society EMBC 2013: 5473 – 5476.
19. Krawczyk B., Combining One-Class Support Vector Machines for Microarray Classification. Proc. of Federated Conference On Computer Science and Information Systems FedCSIS 2013: 83-89.
20. Krawczyk B., Schaefer G. An Analysis of Properties of Malignant Cases for Imbalanced Breast Thermogram Feature Classification. The 2nd Asian Conference on Pattern Recognition ACPR2013: 305-309.
21. Schaefer G., Krawczyk B., Celebi M. E. & Iyatomi H. Melanoma classification using dermoscopy imaging and ensemble learning. The 2nd Asian Conference on Pattern Recognition ACPR2013: 386-390.
22. Schaefer G., Doshi N. & Krawczyk B. HEp-2 cell classification using multi-dimensional local binary patterns and ensemble classification. The 2nd Asian Conference on Pattern Recognition ACPR2013: 951-955.
23. Krawczyk B., Woźniak M., Orczyk T., Porwik P., Musialik J. & Błońska-Fajfrowska B., Neural Network Ensemble Based on Feature Selection for Non-Invasive Recognition of Liver Fibrosis Stage. 17th Online World Conference on Soft Computing in Industrial Applications, Advances in Intelligent Systems and Computing vol. 223: 15-24.
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30. Zmyślony M., Krawczyk B. & Woźniak M., Combined classifiers with neural fuser for spam detection. International Joint Conference CISIS'12-ICEUTE'12-SOCO'12 Special Sessions, Advances in Intelligent Systems and Computing vol. 189: 245-252.
31. Krawczyk B., Computational intelligence methods in breast cancer analysis – novel algorithms and medical applications. Xth Students' Science Conference, Wałbrzych, 12-15 July 2012, Wrocław University of Technology Press: 127-132.
32. Furgała J., Krawczyk B., Jeleń Ł., Detyna J., Classification of pores in the anterior surface of the contact lenses using pattern recognition methods. Biomechanics 2012 : International Conference of the Polish Society of Biomechanics : 30th Anniversary Meeting of the Polish Biomechanics, Białystok, 16-19 September 2012 : book of abstracts / ed. by Romuald Będziński, Eugeniusz Sajewicz, Szczepan Piszczatowski: 83-84.
33. Krawczyk B., Jeleń Ł., Krzyżak A. & Fevens T., Oversampling methods for classification of imbalanced breast cancer malignancy data. Proc. of the International Conference on Computer Vision and Graphics ICCVG 2012, Lecture Notes in Computer Science vol. 7594: 483-490.
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37. Krawczyk B., Schaefer G., Effective Multiple Classifier Systems for Breast Thermogram Analysis. Proc. of 21st International Conference on Pattern Recognition ICPR2012: 3345-3348.
38. Krawczyk B., Classifier committee based on feature selection method for obstructive nephropathy diagnosis. Semantic Methods for Knowledge Management and Communication, Katarzyniak R. et al. (Eds.), Springer, Studies in Computational Intelligence 381:115-125.
39. Krawczyk B., Woźniak M., Hypertension Diagnosis Using Compound Pattern Recognition Methods. Journal of Medical Informatics & Technologies, vol. 18: 41-50.
40. Krawczyk B., Woźniak M., Designing Cost-Sensitive Ensemble – Genetic Approach. Image Processing and Communications Challenges 3, Advances in Intelligent and Soft Computing, Volume 102/2011:227-234.
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42. Krawczyk B., Classification framework for high dimensionality biological data analysis. Zeszyty Naukowe Wydziału Elektroniki, Telekomunikacji i Informatyki Politechniki Gdańskiej, vol. 9: 123-128.
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