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Research Area: Big Data Analytics, Machine Learning & Ad hoc Network Security

List of Journal Publications

1. E Sivasankar, C Selvi & S Mahalakshmi, "Rough set-based feature selection for credit risk prediction using weight-adjusted boosting ensemble method", Springer Soft Computing, Volume 24, Issue 6, pp 3975-3988, 2020.

2. K Krishnakumari, E Sivasankar & Sam Radhakrishnan, "Hyperparameter tuning in convolutional neural networks for domain adaptation in sentiment classification (HTCNN-DASC) ", Springer Soft Computing, Volume 24, Issue 5, pp 3511-3527, 2020.

3. E Sivasankar, K Krishnakumari & P Balasubramanian, "An enhanced sentiment dictionary for domain adaptation with multi-domain dataset in Tamil language (ESD-DA)", Springer Soft Computing, pp 1-15, 2020.

4. J Vijaya & E Sivasankar, "An efficient system for customer churn prediction through particle swarm optimization based feature selection model with simulated annealing", Springer Cluster Computing, Volume 22, Issue 5, pp 10757-10768, 2019.

5. C Selvi & E Sivasankar, "A novel optimization algorithm for recommender system using modified fuzzy c-means clustering approach", Springer Soft Computing, Volume 23, Issue 6, pp 1901-1916, 2019.

6. E Sivasankar, J Vijaya, "Hybrid PPFCM-ANN model: an efficient system for customer churn prediction through probabilistic possibilistic fuzzy clustering and

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8. C. Selvi and E. Sivasankar," A novel similarity measure towards effective recommendation using Matusita coefficient for Collaborative Filtering in a sparse dataset", Sadhana, 2018.

9. C. Selvi and E. Sivasankar, "A novel Adaptive Genetic Neural Network (AGNN) model for recommender systems using modified k-means clustering approach", Multimedia Tools and Applications, 2018.

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13. B. Nithya,C. Mala & E. Sivasankar, "Channel Status based Sliding Contention Window (CS-SCW) algorithm: A Fuzzy Control Approach for Medium Access in Wireless Networks" Springer Soft Computing, Volume 21, Issue 8, pp 1991– 2004, April 2017.

14. E. Sivasankar & C. Selvi," A Novel Optimization Algorithm for Recommender System using Modified Fuzzy C-Means Clustering Approach", Springer Soft Computing, Available Online, 2017

15. Vijaya, E. Sivasankar," An efficient system for customer churn prediction through particle swarm optimization based feature selection model with simulated annealing", International Journal of Business Information Systems, Available Online,2017.

List of Conference Publications

1. Vijaya.J, Sivasankar.E, "Improved churn prediction based on Supervised and Unsupervised hybrid data mining system", International Conference on ICT for Sustainable Development, 2016.

2. Chakshu Ahuja, E Sivasankar," Cross Domain Sentiment Analysis using different Feature Selection and Classification Techniques", International Conference on ICT for Sustainable development, 2016.

3. E. Sivasankar and J. Vijaya, "Customer Segmentation by Various Clustering Approaches and Building an Effective Hybrid Learning System on Churn Prediction Dataset", Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 556), May 2016.

4. E. Sivasankar, Selvi and C. Mala, "A Study of Dimensionality Reduction Techniques with Machine Learning Methods for Credit Risk Prediction", Springer Advances in Intelligent Systems and Computing book series (AISC, volume 556), Computational Intelligence in Data Mining pp 65-76, 2016.