Sivasankar Elango

Assistant Professor, Department of Computer Science & Engineering , <u>National Institute</u> of Technology

Verified email at nitt.edu

Database Management & SystemsArtificial IntelligenceData AnalyticsMachine Learning

TITLE

An efficient system for customer churn prediction through particle swarm optimization based feature selection model with simulated annealing

J Vijaya, E Sivasankar Cluster Computing 22 (5), 10757-10768

A novel optimization algorithm for recommender system using modified fuzzy c-means clustering approach

C Selvi, E Sivasankar Soft Computing 23 (6), 1901-1916

A study of feature extraction techniques for sentiment analysis

M Avinash, E Sivasankar

Emerging Technologies in Data Mining and Information Security, 475-486

Computing efficient features using rough set theory combined with ensemble classification technique to improve the customer churn prediction in telecommunication sector

J Vijaya, E Sivasankar Computing 100 (8), 839-860

Hybrid PPFCM-ANN model: an efficient system for customer churn prediction through probabilistic possibilistic fuzzy clustering and artificial neural network

E Sivasankar, J Vijaya

Neural Computing and Applications 31 (11), 7181-7200

Knowledge discovery in medical datasets using a fuzzy logic rule based classifier

E Sivasankar, RS Rajesh

2010 2nd International Conference on Electronic Computer Technology, 208-213

Hyperparameter tuning in convolutional neural networks for domain adaptation in sentiment classification (HTCNN-DASC)

K Krishnakumari, E Sivasankar, S Radhakrishnan Soft Computing 24 (5), 3511-3527

A novel Adaptive Genetic Neural Network (AGNN) model for recommender systems using modified means clustering approach

C Selvi, E Sivasankar

Multimedia Tools and Applications, 1-28

Modern framework for distributed healthcare data analytics based on Hadoop

PV Raja, E Sivasankar

Information and Communication Technology-EurAsia Conference, 348-355

Rough set-based feature selection for credit risk prediction using weight-adjusted boosting ensemble method

E Sivasankar, C Selvi, S Mahalakshmi Soft Computing 24 (6), 3975-3988

Cross domain sentiment analysis using different machine learning techniques

S Mahalakshmi, E Sivasankar

TITLE

Proceedings of the Fifth International Conference on Fuzzy and Neuro ...

A comparative study of feature selection and machine learning methods for sentiment classification movie data set

C Selvi, C Ahuja, E Sivasankar Intelligent computing and applications, 367-379

Diagnosing appendicitis using backpropagation neural network and bayesian based classifier

E Sivasankar, RS Rajesh, SR Venkateswaran

International Journal of Computer Theory and Engineering 1 (4), 358

A study of feature selection techniques for predicting customer retention in telecommunication sect

E Sivasankar, J Vijaya

International Journal of Business Information Systems 31 (1), 1-26

Anomaly detection on shuttle data using unsupervised learning techniques

S Shriram, E Sivasankar

2019 International Conference on Computational Intelligence and Knowledge ...

Improved churn prediction based on supervised and unsupervised hybrid data mining system

J Vijaya, E Sivasankar

Information and Communication Technology for Sustainable Development, 485-499

A novel cross layer approach to enhance QoS performance in multihop adhoc networks

B Nithya, C Mala, E Sivasankar

2014 17th International Conference on Network-Based Information Systems, 229-236

Fuzzy Clustering with Ensemble Classification Techniques to Improve the Customer Churn Predict in Telecommunication Sector

J Vijaya, E Sivasankar, S Gayathri

Recent Developments in Machine Learning and Data Analytics, 261-274

Distributed pattern matching and document analysis in big data using Hadoop MapReduce model

AV Ramya, E Sivasankar

2014 International Conference on Parallel, Distributed and Grid Computing ...

Two level verification for detection of DNS rebinding attacks

S Brahmasani, E Sivasankar

International Journal of System Assurance Engineering and Management 4 (2 ...

Enhancing prediction accuracy of default of credit using ensemble techniques

B Emil Richard Singh, E Sivasankar

First International Conference on Artificial Intelligence and Cognitive ...

Scalable aspect-based summarization in the hadoop environment

K Krishnakumari, E Sivasankar

Big Data Analytics, 439-449

Customer segmentation by various clustering approaches and building an effective hybrid learning system on churn prediction dataset

E Sivasankar, J Vijava

Computational Intelligence in Data Mining, 181-191

A novel similarity measure towards effective recommendation using Matusita coefficient for Collaborative Filtering in a sparse dataset

C Selvi, E Sivasankar

TITLE

Sādhanā 43 (12), 1-13

Channel status based sliding contention window (CS-SCW) algorithm: a fuzzy control approach for medium access in wireless networks

B Nithya, C Mala, E Sivasankar Soft Computing 21 (8), 1991-2004

A study of dimensionality reduction techniques with machine learning methods for credit risk predic

E Sivasankar, C Selvi, C Mala

Computational Intelligence in Data Mining, 65-76

Framework for smart health: Toward connected data from big data

P Vignesh Raja, E Sivasankar, R Pitchiah Intelligent Computing and Applications, 423-433

Design and Development of a Clinical Decision Support System for diagnosing appendicitis

E Sivasankar, RS Rajesh

2012 Computing, Communications and Applications Conference, 316-321

An efficient context-aware music recommendation based on emotion and time context

C Selvi, E Sivasankar

Data Science and Big Data Analytics, 215-228

Risk analysis in electronic payments and settlement system using dimensionality reduction techniq

Cross-domain sentiment analysis employing different feature selection and classification technique

BER Singh, E Sivasankar

2018 8th International Conference on Cloud Computing, Data Science ...

C Ahuja, E Sivasankar

Information and Communication Technology for Sustainable Development, 167-179

Appendicitis diagnosis system using fuzzy logic-and neural network-based classifier

E Sivasankar, RS Rajesh, SR Venkateshwaran

International Journal of Medical Engineering and Informatics 3 (4), 337-350

A novel singularity based improved tanimoto similarity measure for effective recommendation using collaborative filtering

C Selvi, E Sivasankar

2018 8th International Conference on Cloud Computing, Data Science ...

A log data analytics based scheduling in open source cloud software

V Srikrishnan, E Sivasankar, R Pitchiah

2014 International Conference on Parallel, Distributed and Grid Computing ...

Optimized multilevel threshold selection using evolutionary computing

M Sridevi, C Mala, E Sivasankar, I You

2014 17th International Conference on Network-Based Information Systems, 149-156

Comparison of dimensionality reduction techniques using a backpropagation neural network based classifier

E Sivasankar, H Sridhar, V Balakrishnan, K Ashwin, RS Rajesh International Journal of Information Acquisition 8 (02), 161-169

A Clustering-based Framework for Fast Training of Classifiers

S Sathyamoorthy, E Sivasankar

2020 International Conference on Innovative Trends in Information Technology ...

TITLE

Identification of important biomarkers for detection of chronic kidney disease using feature selection and classification algorithms

E Sivasankar, R Pradeep, S Sivanandham

International Journal of Medical Engineering and Informatics 11 (4), 368-385

A performance comparison of scheduling distributed mining in cloud

V Srikrishnan, E Sivasankar, R Pitchiah

2014 First International Conference on Networks & Soft Computing (ICNSC2014 ...

Enhancing multimodal disaster tweet classification using state-of-the-art deep learning networks

D Adwaith, AK Abishake, SV Raghul, E Sivasankar

Multimedia Tools and Applications, 1-19

An enhanced sentiment dictionary for domain adaptation with multi-domain dataset in Tamil langua (ESD-DA)

E Sivasankar, K Krishnakumari, P Balasubramanian Soft Computing 25 (5), 3697-3711

Analysis and prediction of breast cancer through feature selection and classification techniques

E Sivasankar, AS Kumar, J Sanjivi, P Balasubramanian

International Journal of Medical Engineering and Informatics 13 (5), 359-375

Financial Sentiment Analysis: A Study of Feature Engineering Methodologies

V Ganesh, V Viswanathan, HS Kumar, E Sivasankar Soft Computing and Signal Processing, 225-240

Fuzzy Clustering with Ensemble Classification Techniques to Improve the Customer Churn Predict

J Vijaya, E Sivasankar, S Gayathri

Recent Developments in Machine Learning and Data Analytics: IC3 2018 740, 261

Prevention of XSS attacks using STCD: Server side tagging and client side differentiation

S Brahmasani, S Selvakumar, E Sivasankar

ACM SIGSOFT Software Engineering Notes 37 (6), 1-9

Feature Selection Using Genetic Algorithm for Classification of Clinical Data

E Sivasankar, RS Rajesh

Data Mining and Knowledge Engineering 3 (11), 656-662

IMPLEMENTATION OF SUPPORT VECTOR MACHINES FOR CLASSIFICATION OF CLINICAL DATASETS

E Sivasankar, RS Rajesh

International Journal of Information Acquisition 7 (04), 347-356

In the present work, a modified auto-adaptation unit is presented for switching between different wireless standards. The adaptation unit provides an architectural level ...

V Srikrishnan, E Sivasankar, R Pitchiah