

**Table of Contents of
International Journal of Performability Engineering, Vol. 15, No. 10, October 2019**

Author(s)	Title of the Paper	Pages
A. F. Awwada, M. H. Gobran, R. M. Kamal, and Mohammed A. Boraey	A 3D Risk Assessment Model based on GIS Layers Technique	2563-2569
Jasdev Bhatti, Satvik Chachra, Ansh Walia, and Abhishek Vishal	Secure Electronic Voting Machine using Multi-Modal Biometric Authentication System, Data Encryption, and Firewall	2570-2577
Manu Banga, Abhay Bansal, and Archana Singh	Proposed Intelligent Software System for Early Fault Detection	2578-2588
Guangyong Hu and Rui Chen	Improving the Performance of Multi-Mode SM4 Block Cipher	2589-2596
Zhenzhen Jin, Qinghe Yuan, Yingqian Sun, Shun Jia, and Zhaojun Li	Optimization of Mine Down-Hole Equipment Maintenance Strategy based on Fault Data	2597-2607
Junchao Feng, Ping Liu, Jianjun Miao, Ruilion Liu, and Dongbo Wang	Performance Analysis on Features of Headlines and Media Organizations about Terrorist Attacks News based on a Combinatory Algorithm	2608-2617
Guoqiang Xie, Yi Zhao, Shiyi Xie, Miaofen Huang, and Ying Zhang	Multi-Classification Method for Determining Coastal Water Quality based on SVM with Grid Search and KNN	2618-2627
Rumei Deng, Yixiang Chen, Hengyang Wu, and Hongwei Tao	Software Trustworthiness Evaluation using Structural Equation Modeling	2628-2635
Tianfei Chen, Lijun Sun, Xiaodong Song, and Haixu Niu	An Adaptive Cooperative Dual Particle Swarm Optimization Algorithm with Chaotic Mutation and Quantum Behavior	2636-2644
Songtao Shang, Huaiguang Wu, and Jiangtao Ma	An Improved Focused Web Crawler based on Hybrid Similarity	2645-2656
Shaohui Zhang, Man Wang, Canyi Du, and Edgar Estupinan	Local and Global SR for Bearing Sensor-based Vibration Signal Classification	2657-2666
Yan Zhang, Li Qiao, Xingya Wang, Jingying Cai, and Xuefei Liu	Automatic Software Testing Target Path Selection using K-means Clustering Algorithm	2667-2674
Jie Wang, Kefan Cao, Chunrong Fang, and Jinxin Chen	FDFuzz: Applying Feature Detection to Fuzz Deep Learning Systems	2675-2682
Wu Wen, Xiaobo Xue, Ya Li, Peng Gu, and Jianfeng Xu	Code Similarity Detection using AST and Textual Information	2683-2691
Ning Zhang, Peng Chen, Kai He, Zhao Li, and Xiaosheng Yu	Using Non-Subjective Approximation Algorithm of D-S Evidence Theory for Improving Data Fusion	2692-2700
Yubin Qu, Xiang Chen, Ruijie Chen, Xiaolin Ju, and Jiangfeng Guo	Active Learning using Uncertainty Sampling and Query-by-Committee for Software Defect Prediction	2701-2708
Ziyuan Wang, Xueyao Li, Yang Li, and Yuqing Dai	Comparing Minimal Failure-Causing Schema and Probabilistic Failure-Causing Schema on Boolean Specifications	2709-2717
Zhiyi Zhang, Chuanqi Tao, Wenhua Yang, Yuqian Zhou, and Zhiqiu Huang	A Context Model for Code and API Recommendation Systems based on Programming Onsite Data	2718-2725
Huibin Jin, Yawei Liu, Xiaomeng Mu, Mingxia Ma, and Jing Zhang	Usability Evaluation and Improvement of Mission Planner UAV Ground Control System's Interface	2726-2734
Shengyong Lei	Optimal Control of Spraying and Drying Temperature in Production-Line based on Active Disturbance Rejection Control Technique	2735-2743
Lihua Wu, Xu Bai, Dianshuang Zheng, and Jianxin Gai	Intelligent Regulation Algorithm of Automobile Rear View Mirror based on Eye Location	2744-2752
Jingwei Dong, Zhiyu Han, and Chuang Han	Pilot Decontamination in Massive MIMO Systems based on Pilot Design and Allocation	2753-2761
Hui Xu and Yang Li	Robustness Analysis of Urban Rail Transit Network	2762-2771
Feng Liu	Improved Grid Task Scheduling Model Algorithm	2772-2782
Zhijun Yang, Zheng Liu, Yangyang Sun, and Hongwei Ding	Analysis of Asymmetric Polling Control System in Wireless Sensor Networks	2783-2793
Mingzhu Liu, Xue Bao, and Lu Pang	Image Recognition and Classification based on Elastic Model and BOF Algorithm	2794-2804
Jiamao Ding, Haibin Li, Yang Yang, Lianyin Jia, and Jinguo You	A Distributed Frequent Itemset Mining Algorithm for Uncertain Data	2805-2816
Cheng Cheng, Qingtian Zeng, Hua Zhao, Wenyan Guo, and Hua Duan	Social Impact Assessment of Storm Surge Disaster through Dynamic Neural Network Model	2817-2825
Yu Sun, Yamei Yao, and Yaowen Xia	Network Learning Platform Usability Evaluation Modeling	2826-2834