

**Table of Contents of
International Journal of Performability Engineering, Vol. 15, No. 9, September 2019**

Author(s)	Title of the Paper	Pages
Fatima Sabah, Achraf Wahid, Abdelkarim Kartouni, Hamid Chakir, and Mohamed ELghorba	Failure Analysis of Acrylonitrile Butadiene Styrene (ABS) Materials and Damage Modeling by Fracture	2285-2293
Piyush Gupta, Avdhesh Kr. Sharma, and Raj Kumar	Shell Side CFD Analysis of a Small Shell-and-Tube Heat Exchanger with Elliptical Tubes	2294-2304
Anu Taneja and Anuja Arora	A Comparison Evaluation of Demographic and Contextual Information of Movies using Tensor Factorization Model	2305-2317
Duc Van Nguyen, Steffen Limmer, Kaifeng Yang, Markus Olhofer, and Thomas Bäck	Modeling and Prediction of Remaining Useful Lifetime for Maintenance Scheduling Optimization of a Car Fleet	2318-2328
Yongming Yao, Song Huang, Cuiyi Feng, Chen Liu, and Chenying Xu	CD3T: Cross-Project Dependency Defect Detection Tool	2329-2337
Zhenhai Gao, Tianjun Sun, MuHammad Hassan, and Liupu Wang	Design of Vehicle Automatic Braking Systems Considering Drivers' Braking Characteristics	2338-2345
Yajie Wang, Xiaoyu Yu, Daniel Wang, Qiaohua Feng, and Yunbo Shi	Analog Detection of PSD Sensor and Sunshine Position Tracking Performance in Four Quadrant Arrays	2346-2355
You Zhou, Lecheng Sun, Xu Zhou, Milan Parmar, and Liupu Wang	An Improved Genetic Algorithm to Optimize Vehicle Scheduling for Relief Efforts	2356-2363
Hongwei Tao, Yixiang Chen, Hengyang Wu, and Rumei Deng	A Survey of Software Trustworthiness Measurements	2364-2372
Wei Meng, Bo Zeng, Shuliang Li, and Syed Ahsan Ali Shah	A Reliability Prediction Method of Novel Grey Model and its Error Analysis	2373-2381
Chao Yang, Xinghua Wu, Weiyong Gong, Qiang Wang, and Lin Li	An Intelligent Identification Algorithm for Obtaining the State of Power Equipment in SIFT-based Environments	2382-2391
Haiyong Dong, Qingfan Gu, Guoqing Wang, Zhengjun Zhai, and Yanhong Lu	A Novel Safety Assessment Method based on Fault Dependent Matrix	2392-2399
Xinbo Qian and Jian Huang	A Degradation Identification Method Combining Cost Matrix and Prediction Window Width for Mechanical Equipment	2400-2406
Hua Yang and Tao Li	Intrusion Detection based on T Cell Receptor Principle	2407-2413
Qiuwen Zhang, Shuaichao Wei, Tao Wei, and Haixu Niu	Fast Mode Decision for Low Complexity Depth Coding in 3D-HEVC System	2414-2421
Mengyue Wang, Yanfang Ma, Haiyu Pan, Hongwei Tao, and Liang Chen	Trade-off Costs of Software Trustworthy Attributes	2422-2431
Chenyang Zhao and Junling Wang	Service Recommendation Model based on Rating Matrix and Context-Embedded LSTM	2432-2441
Jing Li, Guangyu Chen, Lin Tang, and Xinyu Yang	Availability Evaluation of Multi-State Weighted k -out-of- n Systems with Hierarchical Performance Requirements	2442-2452
Huaiguang Wu, Yongsheng Shi, Shenyi Qian, Hongwei Tao, and Jiangtao Ma	Application of Improved Feature Pre-processing Method in Prevention and Control of Electricity Charge Risk	2453-2461
Jun Hu, Shuo Chen, Defeng Chen, Jiexiang Kang, and Hui Wang	An ANTLR-based Flattening Framework for AltaRica 3.0 Model	2462-2475
Yunjie Li, Yanyu Wang, Jianchuan Zhang, Detai Zhou and Dan Mo	HIMM Fault Diagnosis based on KPI	2476-2483
Yong Li, Zhandong Liu, and Haijun Zhang	Using Evolutionary Process for Cross-Version Software Defect Prediction	2484-2493
Yuping Li	Optimization of Multi-Objective Virtual Machine based on Ant Colony Intelligent Algorithm	2494-2503
Yu Wang, Shuai Yang, and Ren é Vinicio Sánchez	Wind Turbine Gearbox Fault Diagnosis using SAE-BP Transfer Neural Network	2504-2514
Lei Wang, Yanning Zhang, Runping Xi, and Lu Ling	Natural Image Classification based on Multi-Parameter Optimization in Deep Convolutional Neural Network	2515-2521
Jiuxia Guo, Shuzhi Sam Ge, Xinpeng Zhu, and Fangfang Zhao	Modeling of ATC Operation Process based on Extended Colored Petri Net	2522-2533
Yuxia Li	ACO-SOS-based Task Scheduling in Cloud Computing	2534-2543
Yong Gan, Yuan Zhuang, and Lei He	RFID Tag Ownership Transfer Protocol using Blockchain	2544-2552
Jinwei Pang, Hongbin Dong, Jun He, and Rui Ding	A Modified Comprehensive Learning Particle Swarm Optimizer	2553-2562