

Advances in Intelligent Systems and Computing

Volume 334

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The series “Advances in Intelligent Systems and Computing” contains publications on theory, applications, and design methods of Intelligent Systems and Intelligent Computing. Virtually all disciplines such as engineering, natural sciences, computer and information science, ICT, economics, business, e-commerce, environment, healthcare, life science are covered. The list of topics spans all the areas of modern intelligent systems and computing.

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Preface

This volume of *Advances in Intelligent Systems and Computing* contains accepted papers presented at AECIA 2014, the First International Afro-European Conference for Industrial Advancement. The aim of AECIA is to bring together the foremost experts as well as excellent young researchers from Africa, Europe, and the rest of the world to disseminate latest results from various fields of engineering, information and communication technologies.

The first edition of AECIA was organized jointly by Addis Ababa Institute of Technology, Addis Ababa University, and VŠB - Technical University of Ostrava, Czech Republic. It received 70 submissions from 19 countries from Africa, Europe, North and South America, and Asia. After a thorough review process performed by foremost experts from academic institutions from 16 countries, a total of 31 papers was selected for presentation at the conference, setting the acceptance rate at less than 45 percent.

The organization of the AECIA 2014 conference was entirely voluntary. The review process required an enormous effort from the members of the International Technical Program Committee, and we would therefore like to thank all its members for their contribution to the success of this conference. We would like to express our sincere thanks to the host of AECIA 2014, Addis Ababa University, and to the publisher, Springer, for their hard work and support in organizing the conference. Finally, we would like to thank all the authors for their high quality contributions. The friendly and welcoming attitude of conference supporters and contributors made this event a success!

September 2014

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Contents

Feature Subset Selection Approach by Gray-Wolf Optimization	1
<i>E. Emary, Hossam M. Zawbaa, Crina Grosan, Abul Ella Hassenian</i>	
Optimization of Wind Direction Distribution Parameters Using Particle Swarm Optimization	15
<i>Jana Heckenbergerova, Petr Musilek, Pavel Krömer</i>	
A Perspective of the Cellular Network of the Future: Cloud-RAN	27
<i>Santhi Kumaran</i>	
Reliable Data Transmission for Multi-source Multi-sink Wireless Sensor Networks	43
<i>Kassahun Tamir, Menore Tekeba</i>	
Extraction of Fetal ECG from Abdominal ECG and Heart Rate Variability Analysis	65
<i>Gizeaddis Lamesgin, Yonas Kassaw, Dawit Assefa</i>	
Addition of Static Aspects to the Intuitive Mapping of UML Activity Diagram to CPN	77
<i>Jan Czopik, Michael Alexander Košinár, Jakub Štolfa, Svatopluk Štolfa</i>	
Flash Assisted Segmented Bloom Filter for Deduplication	87
<i>Girum Dagnaw, Amare Teferi, Eshetie Berhan</i>	
A Train Run Simulation with the Aid of the EMTP – ATP Programme	99
<i>Maroš Ďurica</i>	
Comparative Assessment of Temperature Based ANN and Angstrom Type Models for Predicting Global Solar Radiation	109
<i>Darlington Ihunanyachukwu Egeonu, Howard Okezie Njoku, Patrick Nwosa Okolo, Samuel Ogbonna Enibe</i>	

Position Control and Tracking of Ball and Plate System Using Fuzzy Sliding Mode Controller	123
<i>Andinet Negash, Nagendra P. Singh</i>	
A Simulation of Project Completion Probability Using Different Probability Distribution Functions	133
<i>Erimas Tesfaye, Kidist Girma, Eshetie Berhan, Birhanu Beshah</i>	
Dynamic Simulation of T-Track: Under Moving Loads	147
<i>Mequanent Mulugeta</i>	
Utilizing Text Similarity Measurement for Data Compression to Detect Plagiarism in Czech	163
<i>Hussein Soori, Michal Prilepok, Jan Platos, Václav Snášel</i>	
AJAX Speed Up vs. JSP in Portal – Case Study	173
<i>David Ježek, Radek Liebzeit</i>	
Intelligent Decision Support for Real Time Health Care Monitoring System	183
<i>Abdelhamid Salih Mohamed Salih, Ajith Abraham</i>	
An Efficient Segmentation Algorithm for Arabic Handwritten Characters Recognition System	193
<i>Mohamed A. Ali</i>	
Graph Drawing Using Dimension Reduction Methods	205
<i>Tomáš Buriánek, Lukáš Zaorálek, Václav Snášel, Tomáš Peterek</i>	
Design of a Single Stage Thermoelectric Power Generator Module with Specific Application on the Automotive Industry	215
<i>Yidnekachew Messele, Eyerusalem Yilma, Rahma Nasser</i>	
Ethiopian Livestock Husbandry Cluster Identification Using FUZZY-AHP Approach	233
<i>Netsanet Jote, Birhanu Beshah, Daniel Kitaw</i>	
Thermal Analysis, Design and Experimental Investigation of Parabolic Trough Solar Collector	245
<i>Yidnekachew Messele, Abebayehu Assefa</i>	
Performance Improvement by Scheduling Techniques: A Case of Leather Industry Development Institute	261
<i>Abduletif Habib, Kassu Jilcha, Eshetie Berhan</i>	
Response Time Reduction in the Leather Products Manufacturing Industry Using Arena Simulation Method	271
<i>Haftu Hailu, Kassu Jilcha, Eshetie Birhan</i>	

Lead Time Prediction Using Simulation in Leather Shoe Manufacturing . . .	283
<i>Hermela Solomon, Kassu Jilcha, Eshetie Berhan</i>	
Ensemble Neurocomputing Based Oil Price Prediction	293
<i>Lubna A. Gabralla, Hela Mahersia, Ajith Abraham</i>	
Internet of Things Communication Reference Model and Traffic Engineer System (TES)	303
<i>Adel H. Alhamed, Hamoud M. Aldosari, Václav Snášel, Ajith Abraham</i>	
Modeling Cloud Computing Risk Assessment Using Machine Learning	315
<i>Nada Ahmed, Ajith Abraham</i>	
Adaptation of Turtle Graphics Method for Visualization of the Process Execution	327
<i>Jakub Štolfa, Svatopluk Štolfa, Martin Kopka, Václav Snášel</i>	
NFL Results Predictor as a Smart Mobile Application	335
<i>Petr Kadrda, Ondrej Berger, Ondrej Krejcar</i>	
Security Issues of Mobile Application Using Cloud Computing	347
<i>Richard Cimler, Jan Matyska, Ladislav Balík, Josef Horalek, Vladimir Sobeslav</i>	
SIFT-Based Arabic Sign Language Recognition System	359
<i>Alaa Tharwat, Tarek Gaber, Aboul Ella Hassanien, M.K. Shahin, Basma Refaat</i>	
Stock Market Forecasting Using LASSO Linear Regression Model	371
<i>Sanjiban Sekhar Roy, Dishant Mittal, Avik Basu, Ajith Abraham</i>	
Author Index	383