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Articles:

Design of a Cascade Planar Transformer for Electrostatic Precipitator Use Authors: Yan An Wang, Min Hu, Deng Ming Xiao, Yi Min Jiang

<u>An Exponential Family of Hyperbolic–Type Controllers</u> Authors: Francisco Terneus, Fernando Reyes, Eduardo Lebano

SMES Device Charged by Renewable Energy Used to Regulate Frequency of Interconnected Power System Authors: Hongmei Li, Zheng Yan, Guoqin Yu, Yi Lin, Kai Niu

On Structure of the Control Vector for Minimal-Time Networks Design Strategy Authors: Alexander Zemliak, Miguel Torres

Direction of Sound Wave Arrival Determination Using Time-Delay Estimation and Beamforming Methods

Authors: Petr Dostalek, Vladimir Vasek, Jan Dolinay

<u>Non-Uniform Sampling Delta Modulation-Principles of Parameters Design</u> Authors: Ryszard Golanski, Jacek Kolodziej, Stanislaw Kuta

Longitudinal Control of Hybrid Electric Buses using Traction Motor and Pneumatic Braking System

Authors: Jie Shu, Yong Zhang, Chengliang Yin

Charge Equalization Based-on Three-Level NPC Converter for Series Connected Battery Strings

Authors: Kuei-Hsiang Chao, Chia-Chang Hsu, Chun-Hsin Cheng

<u>Transient Characteristics Analysis Based-on Circuit Models for a High-Speed Rail System</u> Authors: Kuei-Hsiang Chao, Pi-Yun Chen, Chun-Hsin Cheng

<u>A Survey on Modeling and Simulation of a Signal Source with Controlled Waveforms for</u> <u>Industrial Electronic Applications</u> Authors: Nazih Moubayed, Claude Bayeh, Mouafac Bernard

Parallel Architecture for the Solution of Linear Equations Systems Based on Division Free Gaussian Elimination Method Implemented in FPGA Authors: R. Martinez, D. Torres, M. Madrigal, S. Maximov

<u>Selecting Feature Detectors for Accurate Visual Odometry</u> Authors: Aldo Cumani, Antonio Guiducci

Simulation the Functionality of a Web Cam Image Capture System Authors: Toadere Florin, Nikos E. Mastorakis <u>Modelling and Simulations of Oil-filled Transformer Loss-of-Life Models</u> Authors: Marius-Constantin Popescu

Mobile Robot Path Planning using Exact Cell Decomposition and Potential Field Methods Authors: Dusan Glavaski, Mario Volf, Mirjana Bonkovic

Modified Direct Torque Control for Single-phase Induction Motor Drives Authors: Thanatchai Kulworawanichpong, Tawat Chuchit

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<u>New Achievements in Assisted Movement of Visually Impaired in Outdoor Environments</u> Authors: Ivan Bogdanov, Virgil Tiponut, Radu Mirsu

Wind Parks Equivalent Models using System Identification Techniques based on Nonlinear Model Structures

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<u>A Reconfigurable FEC System based on Reed-Solomon Codec for DVB and 802.16 Network</u> Authors: Lamia Chaari, Mohamed Fourati, Nouri Masmoudi, Lotfi Kamoun

Experimental Wavelet Transient-State Analysis of Electrical Machines Directly Feeding by Photovoltaic Cells Authors: Nevzat Onat, Ismail Kiyak, Gokhan Gokmen

<u>Voltage Control Scheme in Distribution Network with Double Feed Induction Generator</u> <u>Wind Farm</u> Authors: Jingjing Zhao, Xin Li, Jutao Hao

Cooperative-PSO-Based PID Neural Network Integral Control Strategy and Simulation Research with Asynchronous Motor Controller Design Authors: Piao Haiguo, Wang Zhixin, Zhang Huaqiang

<u>Analog Blocks Design Automation</u> Authors: Hassen Aziza, Annie Perez, Emmanuel Bergeret

<u>Network Optimization by Generalized Methodology</u> Authors: Alexander Zemliak, Ricardo Pena

Parameters Modelling of Transformer

Authors: Marius-Constantin Popescu, Gheorghe Manolea, Nikos Mastorakis, Liliana Perescu-Popescu

Assessment of Three-phase Induction Motor Dynamic Regimes Following Ecosystem Patterns

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Design of a Synchronous FFHSS Modulator on a FPGA with System Generator Authors: Santiago T. Perez, Jesus B. Alonso, Carlos M. Travieso, Miguel A. Ferrer, Jose F. Cruz

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Studies on Multi-Agent Based Partial Discharge Online Monitoring System for High Voltage Apparatus

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Modelling of a SISO and MIMO Non Linear Communication Channel using Two Modelling Techniques

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<u>Online State Diagnosis of Transformer Windings based on Time-frequency Analysis</u> Authors: Yuying Shao, Zhushi Rao, Zhijian Jin Simulation of Doubly-fed Machine with Improved Wind Turbine

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<u>Transformer Fault Diagnosis Based on Reasoning Integration of Rough Set and Fuzzy Set</u> <u>and Bayesian Optimal Classifier</u> Authors: Hongsheng Su, Haiying Dong

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