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Articles:

Application of DE & PSO Algorithm For The Placement of FACTS Devices For Economic Operation of a Power System

Authors: B. Bhattacharyya, Vikash Kumar Gupta, S. K. Goswami

A Comprehensive Simulation Platform for Switched Reluctance Generator System

Authors: A. Arifin, I. H. Al-Bahadly, S. C. Mukhopadhyay

Field Orientation Control of a Wind Driven DFIG Connected to the Grid

Authors: Mahmoud A. Mossa

Excitation Control of the Synchronous Machines with use an Error Function of the Complex Argument

Authors: Oleg N. Agamalov

Unit Commitment and Economic Load Dispatch using Self Adaptive Differential Evolution

Authors: Surekha P., N. Archana, S. Sumathi

Optimization Assisted Load Tracing via Hybrid Ant Colony Algorithm for Deregulated Power System

Authors: Z. Hamid, I. Musirin, M. N. A. Rahim, N. A. M. Kamari

<u>Bidding Strategies for Generation Companies in a Day-ahead Market using Fuzzy Adaptive Particle Swarm</u>
Optimization

Authors: J. Vijaya Kumar, D. M. Vinod Kumar, K. Edukondalu

Wavelet Entropy: Application in Islanding Detection

Authors: Smita Shrivastava, Shailendra Jain, R. K. Nema

Diagnosis of Power Transformer Faults based on Five Fuzzy Ratio Method

Authors: N. K. Dhote, J. B. Helonde

Intelligent Load Management Scheme for a Residential Community in Smart Grids Network Using FEDRP

Authors: Muhammad Ali, Z. A. Zaidi, Qamar Zia, M. Zakaria, S. M. Ahsan, M. Rameez

Determination of Steady State Stability Margin Using Extreme Learning Machine

Authors: Indar Chaerah Gunadin, Muhammad Abdillah, Adi Soeprijanto, Ontoseno Penangsang

Optimizing the Inspection Routine for the Detection of Electrical Energy Theft in AES Eletropaulo in São Paulo, Brazil

Authors: L. J. Hernandes Jr., L. C. Duarte, F. O. Morais, E. C. Ferreira, J. A. Siqueira Dias

Optimal Power System Stabilizer Based Enhancement of Synchronizing And Damping Torque Coefficients

Authors: Ali M. Yousef, Ahmed M. Kassem

Lightning Surge Response Improvement by Combinations of Varistors and Gas Discharge Tubes

Authors: Hitoshi Kijima, Kazuo Murakawa

Application of Fuzzy Principles in Evaluating Quality of Manufacturing Process

Authors: Hrehova Stella, Vagaska Alena

Synchronised Linear Ramp-Pulse Based Triggering Pulse Generation ON/OFF Control for Solid-State

Switches: Capacitor Switching Applications

Authors: K. Subramanian, K. K. Ray

Comparing Efficiency of PSO with GA in Transmission Expansion Planning Considering Network Adequacy

Authors: Meisam Mahdavi, Amir Bagheri, Elham Mahdavi

Aggregate Static Power Load Modeling in Coalmine

Authors: A. O. Pei, M. U. Long-Çua

System Frequency Regulation Investigation in Doubly Fed Induction Generator (DFIG)

Authors: Xue Yingcheng, Tai Nengling

Optimal Capacitor Placement to Reduce Losses in Distribution System

Authors: Anwar S. Siddigui, Farrukh Rahman

Application of Ant Colony Algorithm to the Analysis of High Frequency Equivalent Circuit of DC Motor

Authors: Jinfeng Liu, Xudong Wang, Nan Jiang