



Basic Information :

Name : Almoataz Youssef Abdelaziz Mohamed Abdelmaguied

Title : Professors

AlMoataz Youssef Abdel Aziz
Born on September 14th, 1963
PHd Electrical Engineering, Faculty of Engineering - Ain Shams University

Education :

Certificate	Major	University	Year
PhD			1996
Masters			1990

Teaching Experience :

Name Of Organization	Position	From Date	To Date
Ain Shams University	Professor, Electric Power & Machines Dept.	01/01/2007	01/01/2014
King Saud University, Saudi Arabia	Associate Professor	01/01/2006	01/01/2007
Ain Shams University	Associate Professor	01/01/2001	01/01/2006

Paper :

- Enhancement of Frequency Stability of Power Systems Integrated with Wind Energy Using Marine Predator Algorithm Based PIDA Controlled STATCOM
- Comparative study of Different Topologies of Solar Photovoltaic fed Impedance-Source Inverter based Dynamic Voltage Restorer
- An optimal sizing framework for autonomous photovoltaic/hydrokinetic/hydrogen energy system considering cost, reliability and forced outage rate using horse herd optimization
- Coordinated Design of Type-2 Fuzzy Lead. Lag-Structured SSSCs and PSSs for Power System Stability Improvement
- Single-Phase Universal Power Compensator with an Equal VAR Sharing Approach
- Optimal Planning of Multitype DGs and D-STATCOMs in Power Distribution Network Using an Efficient Parameter Free Metaheuristic Algorithm
- Savitzky-Golay Filter integrated matrix pencil method to identify high impedance fault in a renewable penetrated distribution system
- Mixture Probability Distribution Functions using Novel Metaheuristic Method in Wind Speed Modeling
- Reactive Power based Capacitors Allocation in Distribution Network Using Mathematical Remora Optimization Algorithm considering Operation Cost and Loading Conditions
- Optimal Allocation of Distributed Generators in Active Distribution Networks Using a New Oppositional Hybrid Sine Cosine Muted Differential Evolution Algorithm
- Optimal Placement of Renewable Energy Generators Using Grid Oriented Genetic Algorithm for Loss Reduction and Flexibility Improvement
- Mitigating Generation Schedule Deviation of Wind Farm using Battery Energy Storage System
- Reliable Deep Learning and IoT-based Monitoring System for Secure Computer Numerical Control Machines Against Cyber-Attacks with Experimental Verification
- Investigation of Different Probability Distribution Functions for Wind Speed Modelling Using Classical and Novel Metaheuristic Methods
- A Cost-Benefit Analysis of Optimal Active and Reactive Power Compensators and Voltage Conditioners Allocation in a Real Egyptian Distribution System
- Comprehensive Overview of Power System Flexibility during the Scenario of High Penetration of Renewable Energy in Utility Grid

Locating Faults in Thyristor-based LCC-HVDC Transmission Lines Using Single End Measurements and Boosting Ensemble

Awards :

Award	Donor	Date
Prize of Ain Shams Universit for International Publishing	Ain Shams University	01/01/2012
Prize of Best Researcher In Electrical Power & Machines Dept.	Ain Shams University	01/01/2012
Prize of Ain Shams Universit for International Publishing	Ain Shams University	01/01/2011
Prize of Ain Shams Universit for International Publishing	Ain Shams University	01/01/2010