Basic Information :

Name :	Hossam Eldin Abdallah Talaat
Title :	Professor

Hossam Eldin Abdallah Talaat

Former Head of the Departmnet Of Electrical Power Engineering & Machines
Ain Shams University

Education :

Certificate	Major	University	Year
PhD	Electrical Power Engineering	University Of Grenoble, France - faculty of Engineering	1986
Masters	Electrical Power Engineering & Machines	Faculty of Engineering - Ain Shams University	1980
Bachelor	Department of Electrical Engineering	Faculty of Engineering - Ain Shams University	1975

Teaching Experience :

Name Of Organization	Position	From Date	To Date
Faculty of Engineering& Technology	Director of Quality Assurance Unit	01/01/2016	01/01/2017
Electrical Engineering Dept., FUE	Professor	01/01/2015	01/01/2017
Ain Shams University	Head of Electrical Power Eng. Dept.	01/01/2013	01/01/2014
Ain Shams University	Professor	01/01/2000	01/01/2017

Research :

- Effects Of Electrical Supply Voltage Dips In Process Industry Applications
- Microcontroller Based Intelligent Transmission Line Fault Locator
- Effects Of Electrical Supply Voltage Dips In Process Industry Applications
- Microcontroller Based Intelligent Transmission Line Fault Locator
- Adaptive Coordination of Overcurrent Relays
- An Adaptive Hybrid Approach for Protection of Transmission Line Compensated with UPFC
- Adaptive protection coordination scheme for distribution networkwith distributed generation using ABC
- Modified Particle Swarm Optimization Based Proportional-Derivative Power System Stabilizer
- Fault Detection and Classification Based on DWT and Modern Approaches for T.L Compensated with FACTS
- Allocation and Sizing of Distributed Generation Units for Minimizing Distribution Network Losses Using Genetic Algorithms
- Design and Experimental Investigation of a Decentralized GA-Optimized Neuro-Fuzzy Power System Stabilizer
- High-phase order power transmission lines relaying approach based on the wavelet analysis of the fault generated traveling waves
- Fault diagnosis system for tapped power transmission lines
- An ANN Based Fault Diagnosis System for Tapped HV/EHV Power Transmission Lines
- A GA-Optimized Neuro-Fuzzy Power System Stabilizer for Multi-Machine System

Modern Approaches for Protection of Series Compensated Transmission Lines
Protection of Series Compensated Transmission Lines using Travelling wave
A fault location estimation approach using synchronized sampling
Ultra High Speed Relaying Approach for Six-Phase Transmission Lines
An adaptive protection scheme for optimal coordination of overcurrent relays
Conference :
A Power System Adaptive Protection Scheme Depending on a Data Mining Model
Generated Power-Based Composite Security Index for Evaluation of Cascading Outages
The Impact of Inverter Overloading Capability on the FRT Performance of Inverter-Based DG Units
Optimal Reconfiguration and DG Allocation in Active Distribution Networks Using a Probabilistic Approach
Dynamic Performance of Microgrid after Fault Provoked-Islanding Considering Induction Motor Loads
Synchrophasor measurements-based on-line power system steady-state security indices—part I: Methodology
Performance Investigation of Microgrid Stability Subsequent to Fault Provoked-Islanding with Different Loads and DG Conditions
Adaptive Under frequency Load Shedding for an Islanded Microgrid
Comparative Analysis of DFIG and SCIG Based Grid Connected Wind Turbine under Different Modes of Operation
Distance Protection of AC Feeding System for Electrified Railways
Modern Approaches for Protection of Transmission Line Compensated With UPFC
Smart Current Differential Protection for Transmission Lines
Protective Devices Optimal Placement in Distribution Networks with DGs: Risk-Based Analysis and Solution
Risk Based Protective Devices Optimal Placement in Distribution Networks with DGs: A Cuckoo Search-Based Approach
Coordination Of Directional Overcurrent Relays Using Artificial Bee Colony
Intelligent maximum power tracking and inverter hysteresis current control of grid-connected PV systems
Adaptive Reclosing Strategy Based on Estimation of Distributed Generation Penetration Level
A Simulated Annealing Approach For Distance Relaying Under Arcing Fault Conditions
Optimal Allocation and Sizing of Distributed Generation in Distribution Networks Using Genetic Algorithms

Awards :

Award	Donor	Date
the Golden prize (first class) as a distiguished evaluator	King Abdulaziz City for Science and Technology “KACST”	01/01/2004