

VLACHOGIANNIS, John G.

Technical University of Denmark, Lyngby, Denmark

Selected Scholarly Contributions [Data Provided by **SCOPUS**]

Closure to discussion on "economic load dispatch - A comparative study on heuristic optimization techniques with an improved coordinated aggregation-based PSO"

IEEE Transactions on Power Systems, 25 (1), pp. 591-592, 2010.

Simplified reactive power management strategy for complex power grids under stochastic operation and incomplete information

Energy Conversion and Management, 50 (12), pp. 3193-3201, 2009.

Multi-objective based on parallel vector evaluated particle swarm optimization for optimal steady-state performance of power systems

Expert Systems with Applications, 36 (8), pp. 10802-10808, 2009.

Probabilistic constrained load flow considering integration of wind power generation and electric vehicles

IEEE Transactions on Power Systems, 24 (4), pp. 1808-1817, 2009.

Letter to the editor: Electric vehicle demand model for load flow studies

Electric Power Components and Systems, 37 (5), pp. 577-582, 2009.

Economic load dispatch - A comparative study on heuristic optimization techniques with an improved coordinated aggregation-based PSO

IEEE Transactions on Power Systems, 24 (2), pp. 991-1001, 2009.

Reactive power and voltage control based on general quantum genetic algorithms

Expert Systems with Applications, 36 (3 PART 2), pp. 6118-6126, 2009.

Quantum-inspired evolutionary algorithm for real and reactive power dispatch

IEEE Transactions on Power Systems, 23 (4), pp. 1627-1636, 2008.

Automatic construction of a decision tree for the analysis of traffic load in computer network

Computer Systems Science and Engineering, 22 (1-2), pp. 91-95, 2007.

Coordinated aggregation particle swarm optimization applied in reactive power and voltage control

2006 IEEE Power Engineering Society General Meeting, PES, 2006.

A comparative study on particle swarm optimization for optimal steady-state performance of power systems

IEEE Transactions on Power Systems, 21 (4), pp. 1718-1728, 2006.

Expert medication system using a C language integrated production system

Engineering Intelligent Systems, 14 (3), pp. 137-146, 2006.

Constricted local-neighborhood particle swarm optimization with passive congregation applied in reactive power and voltage control

Electric Power Components and Systems, 34 (5), pp. 509-520, 2006.

Reactive power control based on particle swarm multi-objective optimization

Proceedings of the 13th International Conference on Intelligent Systems Application to Power Systems, ISAP'05, 2005, pp. 494-498, 2005.

Optimization of power systems based on ant colony system algorithms: An overview

Proceedings of the 13th International Conference on Intelligent Systems Application to Power Systems, ISAP'05, 2005, pp. 22-35, 2005.

Determining generator contributions to transmission system using parallel vector evaluated particle swarm optimization

IEEE Transactions on Power Systems, 20 (4), pp. 1765-1774, 2005.

Robust PID controllers by Taguchi's method

TQM Magazine, 17 (5), pp. 456-466, 2005.

[Ant colony system-based algorithm for constrained load flow problem](#)
IEEE Transactions on Power Systems, 20 (3), pp. 1241-1249, 2005.

[Taguchi's method in a marine sediment's heavy-metal determination](#)
International Journal of Environmental Analytical Chemistry, 85 (8), pp. 553-565, 2005.