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

Comparison of multiclass SVM classification methods to use in a supportive system for distance relay coordination  
*IEEE Transactions on Power Delivery*, 25 (3), pp. 1296-1305, 2010.

Relative electrical distance concept for evaluation of network reactive power and loss contributions in a deregulated system  
*IET Generation, Transmission and Distribution*, 3 (11), pp. 1000-1019, 2009.

Switching and fault transient analysis of 765 kV transmission systems  
*2009 International Conference on Power Systems, ICPS '09*, 2009.

Optimal placement of distributed generation for a projected load increase using relative electrical distance approach  
*2009 International Conference on Power Systems, ICPS '09*, 2009.

Reactive power optimization with different objectives in large power systems including HVDC systems and FACTS devices  
*2009 International Conference on Power Systems, ICPS '09*, 2009.

Real-time monitoring of critical nodes with minimal number of phasor measurement units  
*2009 International Conference on Power Systems, ICPS '09*, 2009.

A new intelligent algorithm for online voltage stability assessment and monitoring  
*International Journal of Electrical Power and Energy Systems*, 31 (2-3), pp. 100-110, 2009.

An approach using support vector machines for distance relay coordination in transmission system  
*IEEE Transactions on Power Delivery*, 24 (1), pp. 79-88, 2009.

Ranking of prospective new generation location for a power network in a deregulated system  
*2008 Joint International Conference on Power System Technology POWERCON and IEEE Power India Conference, POWERCON 2008*, 2008.

Evaluation of charges for power transmission and losses in bilateral power contracts  
*IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 2008.

An approach for distance relay co-ordination using support vector machines  
*IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 2008.

Distance relay co-ordination using support vector machines in power transmission system  
*2008 Joint International Conference on Power System Technology POWERCON and IEEE Power India Conference, POWERCON 2008*, 2008.

Application of support vector machines for fault diagnosis in power transmission system  
*IET Generation, Transmission and Distribution*, 2 (1), pp. 119-130, 2008.

Optimal reactive power dispatch in a large power system with AC-DC and FACTS controllers  
*IET Generation, Transmission and Distribution*, 2 (1), pp. 71-81, 2008.

Fuzzy logic application for network contingency ranking using composite criteria  
*Engineering Intelligent Systems*, 15 (4), pp. 205-212, 2007.

Congestion management in open access based on relative electrical distances using voltage stability criteria  
*Electric Power Systems Research*, 77 (12), pp. 1608-1618, 2007.

Visual aided approach for practical distribution systems analysis and improvements  
*Journal of the Institution of Engineers (India): Electrical Engineering Division*, 88 (JUNE), pp. 65-74, 2007.

Optimum reactive power dispatch and identification of critical on-load tap changing (OLTC) transformers  
*Electric Power Components and Systems*, 35 (6), pp. 655-674, 2007.

A new approach for fault location identification in transmission system using stability analysis and SVMs  
*2006 International Conference on Power Electronics, Drives and Energy Systems, PEDES '06, 2006.*

Optimal reactive power dispatch based on voltage stability criteria in a large power system with AC/DC and FACTS devices  
*2006 International Conference on Power Electronics, Drives and Energy Systems, PEDES '06, 2006.*

Comparative studies of transient and steady state analysis for a typical 765kV/400kV EHV transmission system in Indian power system  
*2006 International Conference on Power Electronics, Drives and Energy Systems, PEDES '06, 2006.*

Novel algorithm for online voltage stability assessment based on feed forward neural network  
*2006 IEEE Power Engineering Society General Meeting, PES, 2006.*

Optimum allocation of reactive power for voltage stability improvement in AC-DC power systems  
*IEE Proceedings: Generation, Transmission and Distribution, 153 (2), pp. 237-246, 2006.*

Estimation of switching transient peak overvoltages during transmission line energization using artificial neural network  
*Electric Power Systems Research, 76 (4), pp. 259-269, 2006.*