

Conference Papers:

1. Ivanov, Ovidiu; Gavrilas, Mihai; Sfintes, Calin-Viorel; Dumitrache, Marian, *A Software Tool for Electricity Market Trade Price Analysis*, XLI Conference on Fundamentals of Electrotechnics and Circuit Theory (SPETO), pag. 61-62, Gliwice - Ustron, Poland, 16-19 May, 2018
2. Neagu, Bogdan Constantin; Ivanov, Ovidiu; Gavrilas, Mihai, *A Comprehensive Solution for Optimal Capacitor Allocation Problem in Real Distribution Networks*, International Conference on Electromechanical and Power Systems (SIELMEN), pag. 565-570, Iasi, Chisinau, Romania, 11-13 October, 2017, WOS: 000426906000108, DOI: 10.1109/SIELMEN.2017.8123388
3. Ivanov, Ovidiu; Neagu, Bogdan Constantin; Gavrilas, Mihai, *Voltage Profile Improvement in Electricity Distribution Networks - A Genetic Algorithm Benchmark Study*, International Conference on Electromechanical and Power Systems (SIELMEN), pag. 560-564, Iasi, Chisinau, Romania, 11-13 October, 2017, WOS: 000426906000107, DOI: 10.1109/SIELMEN.2017.8123387
4. Neagu Bogdan Constantin, Ivanov Ovidiu, Gavrilas Mihai, *Voltage profile improvement in distribution networks using the whale optimization algorithm*, 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, Romania, 29 June-1 July, 2017, WOS: 000425865900081, DOI: 10.1109/ECAI.2017.8166465
5. Ivanov Ovidiu; Neagu Bogdan Constantin; Gavrilas Mihai, *A Parallel PSO Approach for Optimal Capacitor Placement in Electricity Distribution Networks*, 2017 International Conference on Modern Power Systems (MPS), Cluj-Napoca, Romania, 6-9 June, 2017, WOS: 000428462600018, DOI: 10.1109/MPS.2017.7974387
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7. Neagu, Bogdan Constantin; Ivanov, Ovidiu; Georgescu, Gheorghe, *Reactive Power Compensation in Distribution Networks Using the Bat Algorithm*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), pag. 711-714, Iasi, Romania, 20-22 October, 2016, WOS: 000390706300141, DOI: 10.1109/ICEPE.2016.7781431
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9. Băncescu, Georgeta; Chicco, Gianfranco; Mazza, Andrea; Ivanov, Ovidiu; Gavrilas, Mihai, *Multi-Objective Pareto Particle Swarm Optimization for Radial Distribution Systems*, 7th International Conference on Energy and Environment (CIEM), Iasi, Romania, 22-23 October, 2015
10. Banerjee, Avishek; Gavrilas Mihai; Ivanov Ovidiu; Chattopadhyay, Samiran, *Reliability Improvement and the Importance of Power Consumption Optimization in Wireless Sensor Networks*, 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE), pag. 735-740, Univ Politehnica Bucharest, Romania, 07-09 May, 2015, WOS: 000368159800137, DOI: 10.1109/ATEE.2015.7133902

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25. Ivanov, Ovidiu; Gavrilas, Mihai, *REI System Equivalent for Contingency Studies, A Genetic Algorithm Approach*, 6-th International Conference on Electrical and Power Engineering - EPE, pag. 21-24, Iasi, Romania, 28-30 October, 2010
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