




Title of your paper

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Abstract—Suspendisse vitae elit. Aliquam arcu neque, ornare in, ullamcorper quis, commodo eu, libero. Fusce sagittis erat at erat tristique mollis. Maecenas sapien libero, molestie et, lobortis in, sodales eget, dui. Morbi ultrices rutrum lorem. Nam elementum ullamcorper leo. Morbi dui. Aliquam sagittis. Nunc placerat. Pellentesque tristique sodales est. Maecenas imperdiet lacinia velit. Cras non urna. Morbi eros pede, suscipit ac, varius vel, egestas non, eros. Praesent malesuada, diam id pretium elementum, eros sem dictum tortor, vel consetetuer odio sem sed wisi.

Keywords—

I. Introduction

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II. Related Works

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III. Section III

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V. Conclusions and Future Work

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Acknowledgement

References

- [1] J. V. L. Pedrosa, K. M. Silva, and T. R. Honorato, "Experimental evaluation of an alternative generalized alpha plane applied to busbar differential protection," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [2] D. G. V. Gonçalves, F. L. de Caldas Filho, L. M. C. E. Martins, G. de O. Kfourri, B. V. Dutra, R. de O. Albuquerque, and R. T. de Sousa, "Ips architecture for iot networks overlapped in sdn," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [3] J. C. L. Pereira, Y. Poledna, E. P. Ribeiro, J. S. Dias, G. Oliveira, R. Kuiava, G. V. Leandro, J. A. Vilela, R. Demonti, and A. Pedretti, "Monitoring micro phasor measurement units at university campus," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [4] M. Cristalino C. de Almeida and F. V. Lopes, "Evaluation of transmission line phase comparison protection considering the use of mimic filter," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [5] R. T. Toledo, K. M. e Silva, and T. da Rocha Honorato, "Evaluating single-phase reclosing on distribution grid voltage," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [6] D. A. do Nascimento, S. S. Refaat, A. Darwish, Q. Khan, H. Abu-Rub, and Y. Iano, "Investigation of void size and location on partial discharge activity in high voltage xlpe cable insulation," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.

- [7] G. A. da Cunha, F. V. Lopes, and T. da Rocha Honorato, "Influence of traveling wave detection sensitivity on transient pattern recognition-based single-ended fault location approach," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [8] F. L. L. de Mendonça, D. F. da Cunha, B. J. G. Praciano, M. da Rosa Zanatta, J. P. C. L. da Costa, and R. T. de Sousa, "P2piot: A peer-to-peer communication model for the internet of things," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [9] J. S. Costa, R. T. Toledo, L. A. Gama, G. B. Santos, F. V. Lopes, P. S. Pereira, G. S. Salge, and M. J. B. B. Davi, "Investigation on full-converter-based wind power plant behavior during short-circuits," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [10] M. S. Monteiro, F. L. de Caldas Filho, L. A. Barbosa, L. M. C. E. Martins, J. T. M. de Menezes, and D. A. da Silva Filho, "University campus microclimate monitoring using iot," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [11] Y. Poledna, J. L. Pereira, and E. P. Ribeiro, "Network traffic analysis of micro pmu communication at university campus," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [12] G. P. da Silva Junior and L. S. Barros, "Synchronverter operation in active and reactive support mode," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [13] F. L. de Caldas Filho, R. L. Rocha, C. J. B. Abbas, L. M. C. E. Martins, E. D. Canedo, and R. T. de Sousa, "Qos scheduling algorithm for a fog iot gateway," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [14] T. da Silva, A. Costa, D. da Silva, L. Castro, J. Araujo, and G. Cavalcante, "Radio propagation for the amazon region considering the river level," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [15] E. S. C. Vilaça, T. P. B. Vieira, R. T. de Sousa, and J. P. C. L. da Costa, "Botnet traffic detection using rpca and mahalanobis distance," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [16] M. C. Oliveira and R. A. Ramos, "Design and simulation of a controller for emulation of a wind turbine by a dc motor," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [17] M. F. K. B. Couras, P. H. de Pinho, G. Favier, J. P. C. L. da Costa, V. Zarzoso, and A. L. F. de Almeida, "Multidimensional cx decomposition of tensors," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [18] T. André Pereira De Oliveira, A. de Leles Ferreira Filho, and E. Geraldo Domingues, "Technical analysis of a real and optimized concentrated solar power plant in the brazilian scenario," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [19] T. Spadini, G. S. Imai Aldeia, G. Barreto, K. Alves, H. Ferreira, R. Suyama, and K. Nose-Filho, "On the application of segan for the attenuation of the ego-noise in the speech sound source localization problem," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [20] A. T. Vasques and J. J. C. Gondim, "Amplified reflection ddos attacks over iot mirrors: A saturation analysis," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [21] M. E. C. Bento and R. A. Ramos, "A new pmu placement method for the assessment of the voltage stability margin," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [22] L. G. P. Vicente and M. Sharma, "Constellation design for digital communications using vector quantization," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [23] A. A. Y. R. Fares, F. L. de Caldas Filho, W. F. Giozza, E. D. Canedo, F. L. Lopes de Mendonça, and G. D. Amvame Nze, "Dos attack prevention on ips sdn networks," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–7.
- [24] A. C. Salles Ramos and F. D. Freitas, "Multibus system unconstrained economic dispatch problem solution via holomorphic embedding method," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [25] I. V. Brandão, J. P. C. L. da Costa, G. A. Santos, B. J. G. Praciano, F. C. M. D. Júnior, and R. T. de S. Júnior, "Classification and predictive analysis of educational data to improve the quality of distance learning courses," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [26] L. C. de Almeida, R. T. de Sousa, A. S. Nery, D. A. da Silva Filho, E. D. Canedo, and R. R. Nunes, "Design and evaluation of an snmp-based energy consumption monitoring system for electrical grids," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–6.
- [27] A. Marcondes, H. F. Scherer, J. R. C. Salgado, and R. L. B. de Freitas, "Sodium-nickel chloride single cell battery electrical model – discharge voltage behavior," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–4.
- [28] J. F. Figueiredo and V. L. do Nascimento, "Broadband microstrip antenna array with circular polarization on ku band," in *2019 Workshop on Communication Networks and Power Systems (WCNPS)*, 2019, pp. 1–5.
- [29] Y. I. Ribeiro Damasceno, R. L. de Araújo Ribeiro, T. de Oliveira Alves Rocha, and S. de Cavalcante Paiva, "A control strategy with seamless mode transition for a low-voltage distributed generation system without an energy storage system," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–6.
- [30] E. G. Sousa and S. R. M. J. Rondineau, "Computational design of a ferrite-less pi topology circulator," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [31] T. L. von Sperling, B. de A. França, F. L. de Caldas Filho, L. M. C. e Martins, R. de O. Albuquerque, and R. T. de Sousa, "Evaluation of an iot device designed for transparent traffic analysis," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [32] T. R. Honorato and K. M. Silva, "Half-cycle dft-based phasor estimation algorithm for numerical digital relaying," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–4.
- [33] M. S. R. Leal, L. D. Simões, R. L. S. França, M. M. Leal, F. B. Costa, and F. E. Taveiros, "Methodology to perform real-time simulation of power systems using a fpga-based platform," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [34] G. E. Mendoza, V. M. Vacas, and N. R. Ferreira, "Optimal capacitor allocation and sizing in distribution networks using particle swarm optimization algorithm," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [35] F. E. V. Taveiros, M. R. Marques, L. S. Barros, and F. B. Costa, "Performance of the doubly-fed induction generator during a voltage sag," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [36] S. d. Cavalcante Paiva, D. Keuton Alves, F. B. Costa, R. Lúcio de Araújo Ribeiro, and T. O. Alves Rocha, "Real-time impedance estimation in grid-connected photovoltaic system using the discrete fourier transform," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [37] B. S. Soares Pereira and T. Luis Maia Santos, "Speed and reactive power regulation of doubly-fed induction generator using

- model predictive control," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–4.
- [38] A. G. Martins-Britto, S. R. M. J. Rondineau, and F. V. Lopes, "Transient response of the grounding grid of a power line tower subject to a lightning discharge," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [39] C. M. S. Ribeiro and F. V. Lopes, "Traveling wave-based differential protection applied to hybrid transmission lines with multiple sections," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [40] D. A. Ando, R. K. Miranda, J. P. C. L. da Costa, and M. T. de Oliveira, "A novel direction of arrival estimation algorithm via received signal strength of directional antennas," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [41] P. C. Fernandes, H. Naomira Gomes Venzi Gonçalves, K. Melo e Silva, and F. Vigolvinio Lopes, "Two-terminal modal traveling wave-based fault location method for hvdc systems," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–4.
- [42] A. C. Santos Junior, F. D. Freitas, and L. F. J. Fernandes, "An efficient starting point to adaptive holomorphic embedding power flow methods," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [43] R. M. Gonzaga, J. A. D. Massignan, C. D. Maciel, J. B. A. London, R. M. A. de Almeida, and M. H. M. Camillo, "An embedded state estimator for reducing data volume and processing in smart grids monitoring," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [44] L. G. Cordero Bautista and P. Bueno de Araujo, "Analysis of the influence of ipfc-pod and pss controllers coordinated tuning by an adaptive genetic algorithm with hyper-mutation," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [45] M. E. C. Bento and R. A. Ramos, "Analysis of the load growth direction variation in the dynamic security assessment," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [46] J. P. A. Maranhão and J. Paulo C. L. da Costa, "Antenna array based framework for detection and localization of correlated signals," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [47] M. R. Marques, M. M. Leal, F. B. Costa, and L. S. Barros, "Assessment of wavelet-based directional overcurrent protection in a distribution system with dfig," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–5.
- [48] E. P. A. Ribeiro, F. V. Lopes, J. P. G. Ribeiro, and E. J. S. Leite, "Atp/models differentiator-smoother filter model validated using actual time-domain relay," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. 1–4.
- [49] "Wcnps 2018 preface," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. i–i.
- [50] "Wcnps 2018 reviewers," in *2018 Workshop on Communication Networks and Power Systems (WCNPS)*, 2018, pp. i–i.
- [51] R. G. Bairy and K. M. Silva, "Busbar differential protection based on generalized alpha plane," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [52] L. M. Peres and K. M. Silva, "Parametric sensitivity analysis of power transformer differential protection," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–3.
- [53] A. C. Santos, F. D. Freitas, and L. F. J. Fernandes, "Holomorphic embedding approach as an alternative method for solving the power flow problem," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [54] A. P. Escudero, F. A. Moreno Vasquez, K. Melo e Silva, and F. V. Lopes, "Low-impedance busbar differential protection modeling and simulation using atp/empt," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [55] A. C. Pereira Silva and L. R. A. X. de Menezes, "Estimating the error between analytical and numerical finite difference solutions of laplace equation," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [56] S. Gorlow, J. P. C. L. da Costa, and M. Haardt, "A root-cma algorithm for multi-user separation," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–5.
- [57] M. da Rosa Zanatta, R. K. Miranda, J. P. C. L. da Costa, F. Antreich, and D. V. Lima, "Antenna array based receivers for third generation global positioning system," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [58] T. L. von Sperling, F. L. de Caldas Filho, R. T. de Sousa, L. M. C. e Martins, and R. L. Rocha, "Tracking intruders in iot networks by means of dns traffic analysis," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [59] E. J. S. Leite and F. V. Lopes, "Traveling wave-based fault location formulation for hybrid lines with two sections," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [60] F. M. de Magalhães, B. C. Ribeiro Monteiro, and F. V. Lopes, "Using current traveling waves to implement directional elements in parallel lines," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–5.
- [61] Y. G. I. Acle and F. D. Freitas, "Shift parameter sensitivity on the computation of unstable reduced order model via truncated balanced method," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [62] J. R. Gama and F. V. Lopes, "On compensating synchronization errors in two-terminal based fault location approaches," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.
- [63] E. A. Custódio, F. V. Lopes, and J. P. G. Ribeiro, "Ccvf impact on the td21 function security," in *2017 Workshop on Communication Networks and Power Systems (WCNPS)*, 2017, pp. 1–4.