

2017 18th International Scientific Conference on Electric Power Engineering (EPE)

Thursday, May 18, 2017 - second day of the conference

Special IEEE Brazilian “NExT” Session (ROOM KAVARNA)

Guarantee: Radomír Goňo (VŠB - TU Ostrava, CZ), Wesley Pacheco Calixto (NExT, Brazil)



Time	No	Authors	Title of paper
8:00 - 9:30	105	Geovanne Furriel, Jeremias L. Botelho, Joseph R. Oliveira, Marcio R. C. Reis, Wanderson R. H. Araujo, Felipe S. Silva, Wesley P. Calixto, Luiz A. do Couto, Alana S. Magalhaes	Parametric Regression Methodology and Optimized Control for DC Motor
	107	Calebe Abrenhosa Matias, Marcio Rodrigues da Cunha Reis, Wanderson Rainer Hilario de Araujo, Wesley Pacheco Calixto	Increasing Efficiency of the Switched Reluctance Generator Using Parametric Regression and Optimization Methods
	116	Geovanne Furriel, Rafael N. H. M. Dias, Cleber A. Ganzaroli, Douglas F. de Carvalho, Luis A. Couto and Wesley P. Calixto	Comparative Study between Optimized Controllers Fuzzy x MPC
	120	Menezes Neto, J.T.; Alves, A.J.	An Efficiency Study on the Urban Solid Waste Gasefication Process for Eletric Power Generation
	127	Alana S. Magalhaes, Junio S. Bulhoes, Geovanne P. Furriel, Marcio R. C. Reis, Alan H. F. Silva, Wesley P. Calixto, Aylton J. Alves	Parametric Regression in Synchronous and Induction Generators
	140	Brunna Carolinne Rocha Silva, Geovanne Pereira Furriel, Wesley Pacheco Calixto, Junio Santos Bulhoes	Methodology and Comparison of Devices for Recognition of Sign Language Characters
	142	Luiz Guilherme Gonzaga Borba Ferreira; José Luis Domingos; Aylton José Alves; Wesley Pacheco Calixto; Elder Geraldo Domingues; Rodrigo Alves de Lima	Wind's actions effects on photovoltaic panels installed on rooftop of buildings
9:30 - 10:00	Coffee break		



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Time	No	Authors	Title of paper
10:00 - 11:30	144	Bruno C. M. Aniceto, Wagner A. V. Junior, Joao C. Neto, Bruno U. Rodrigues, José A. G. Cararo, Viviane M. Gomes, Alan H. F. Silva, José L. F. Júnior, Daniel C. Silva, Flávio A. Gomes, Paulo V. Santos, Rafael Nielson, Márcio R. C. Reis, Natália K. M. Galvao, Aylton J. Alves, Laís F. A. Silva and Wesley P. Calixto	Calculation and Analysis of Problem in Voltage Transgressions on Electricity Distribution Networks
	151	J. P. Saraiva, B. S. Lima, V. M. Gomes, P. H. R. Flores, F. A. Gomes, A. O. Assis, M. R. C. Reis, W. R. H. Araujo, C. Abrenhosa and W. P. Calixto	Calculation of sensitivity index using one-at-a-time measures based on graphical analysis
	155	Carlos Daniel de Sousa Bezerra, Wesley Pacheco Calixto	Optimization of the Operation Power of DC-DC Converters Applied to Thermogenerators
	176	Geovanne Furriel, Vanessa Kelly Alves Araujo, Suzel De Almeida, Sergio Botelho De Oliveira, Danni Pereira Barbosa.	Anaerobic digestion using residue of soybean processing: biogas production and its potential to generate energy
	177	Dayane Martins Salles, Debora Pereira da Silva, Calebe Abrenhosa Matias, Elder Geraldo Domingues, Luane Schiochet Pinto, Jussanã Milograna	Behavior of temperature in photovoltaic panels installed on surfaces with different albedo indexes
	178	Licínio Moraes Santos; Aylton José Alves; Calebe Abrenhosa Matias; Wesley Pacheco Calixto	Studies for the efficiency of a water pumping system for cooling and improving the electrical efficiency of photovoltaic panels
	180	Leandro Kazuaki Tsuruda; Luíza Rodrigues Vitor; Dayane Martins Salles; Marcel Bruno S. e Souza; Aylton José Alves; Luann Rodrigues; Wesley Pacheco Calixto	Energy efficiency, rationalization of energy and water consumption, in popular houses