

قائمة بأبحاث قسم هندسة القوي والآلات الكهربائية لعام ٢٠١٥

No.	المؤلفون - Authors	عنوان المقالة - Article Title	مكان النشر - Publication place
Year 2015 publications			
1	Samir M. Dawoud and Lin. Xiangning	Study of Hybrid PV-Wind Energy System to Isolated Micro-grid	Indonesian Journal of Electrical Engineering and Computer Science
2	Samir M. Dawoud, et. al	Reliability study of hybrid PV-wind power systems to isolated micro-grid	Intelligent Control and Information Processing (ICICIP)
3	Samir M. Dawoud, et. al	Feasibility Study of Isolated PV-Wind Hybrid System in Egypt	Advanced Materials Research. Vol. 1092. Trans. Tech. Publications
4	H.A. Abdel-Ghany, Ahmed M. Azmy, N.I. Elkalashy, E.M. Rashad	Optimizing DG penetration in distribution networks concerning protection schemes and technical impact	Electric Power Systems Research, Volume 128,
5	Hany A. Abdelsalam, Abdelsalam A. Ahmed, Almoataz Y. Abdelaziz	Mitigation of Transformer Inrush Current Using PV	Recent Advances in comm. and Networking Technology, Vol. 4
6	Ahmed E. ElGebaly, Mohamed K. El-Nemr:	Design and performance evaluation of Halbach array linear generator for wave energy converters	The 8 th IEEE GCC Muscat, Oman
7	Mohamed G. Mousa, S. M. Allam and Essam M. Rashad	Scalar Control Strategy for Maximum Wind-Power Extraction of a Grid-Connected Wind-Driven Brushless Doubly-Fed Reluctance Generator	MEPCON Mansoura, Egypt

8	Kotb M. Kotb, Abd El-Wahab Hassan and Essam M. Rashad	Selective Harmonic Elimination using Genetic Algorithm for An Asymmetric Cascaded Multilevel Inverter	MEPCON Mansoura, Egypt
9	Hasnaa M. El-Arwash, Ahmed M. Azmy and Essam M. Rashad	Online Harmonic Simulation and Evaluation in Electric Power Distribution Systems	MEPCON Mansoura, Egypt
10	S. M. Allam, M. F. Elmorshedy, Essam M. Rashad and Ahmed I. A. shobair	Voltage and Frequency Control with Maximum Power Extraction of a Stand-Alone Wind-Driven Permanent Magnet Synchronous Generator	MEPCON Mansoura, Egypt
11	Mohamed A. Almozayen, Mohamed K. El-Nemr, Essam M. Rashad and Ahmed I. Shobair	Voltage Balancing and Harmonic Reduction for Axial Field Permanent Magnet Synchronous Generator	MEPCON Mansoura, Egypt
12	M. F. Elmorshedy, S. M. Allam, Ahmed I. A. shobair and Essam M. Rashad	Voltage and Frequency Control of a Stand-alone Wind-driven Permanent Magnet Synchronous Generator	MEPCON Mansoura, Egypt
13	Abdelsalam A. Ahmed	Implementation Issues of Model Predictive Control for Permanent Magnet Synchronous Motors	MEPCON Mansoura, Egypt
14	Hossam A. Abd el-Ghany, Ahmed M. Azmy, Nagy I. Elkalashy and Essam M. Rashad	Optimal Siting and Sizing of DG Units Based on Protection Schemes and Technical Aspects	MEPCON Mansoura, Egypt
15	S. M. Allam, Mohamed G. Mousa, and Essam M. Rashad	A Proposed Grid-Synchronization Strategy of a Wind-Driven Brushless Doubly-Fed Reluctance Generator	MEPCON Mansoura, Egypt
16	Mahmoud Elmorshedy, Said Allam and Essam Rashad	Voltage and Frequency Control of a Stand-alone Wind-Energy Conversion System Based on PMSG	EPECS Sharjah, UAE

17	Abdelsalam A. Ahmed	Fast-Speed Drives for Permanent Magnet Synchronous Motor Based on Model Predictive Control	VPPC Montréal, Canada
18	Mohamed Gamal, Said Allam and Essam Rashad	Vector Control Strategy for Maximum Wind-Power Extraction of a Grid-Connected Wind-Driven Brushless Doubly-Fed Reluctance Generator	EPECS Sharjah, UAE
19	Mohamed Gamal, Said Allam, Essam Rashad	A Sensorless Scalar-Control Strategy for Maximum Power Tracking of a Grid-Connected Wind-Driven Brushless Doubly-Fed Reluctance Generator	EPECS Sharjah, UAE
20	Rawda Ramadan, Doaa Mokhtar Yehia, Essam M. Rashad	Impact of Hybrid Energy Storage System on Solar Power Generation Integrated in Microgrids	EPECS Sharjah, UAE
21	Manal M. Emara, Diaa-Eldin A. Mansour and Ahmed M. Azmy	Dielectric properties of aged mineral oil filled with TiO ₂ nanoparticles	EPECS Sharjah, UAE
22	Mahmoud H. Elkazaz, Ayman Hoballah, and Ahmed M. Azmy	Optimizing distributed generation operation for residential application based on automated systems	EPECS Sharjah, UAE
23	Ayman Hoballah	Power system dynamic behavior with large scale solar energy Integration	EPECS Sharjah, UAE
24	Ayman Hoballah	Online system stability monitoring using DT and ANN considering stochastic behavior of wind speed,	EPECS Sharjah, UAE
25	Mohamed. N. Ibrahim, Essam M. Rashad and Peter Sergeant	Transient Analysis and Stability Limits for Synchronous Reluctance Motors Considering Saturation Effects	ICEMS Pattaya, Thailand
26	Mohamed. N. Ibrahim, Essam M. Rashad and Peter Sergeant	Steady-state analysis and stability of synchronous reluctance motors considering saturation effects	SDEMPED Guarda, Portugal

27	Mahmoud I. Masoud, Sherif M. Dabour, Abd El-Wahab Hassan and Essam M. Rashad	Control of five-phase induction motor under open-circuit phase fault fed by fault tolerant VSI	SDEMPED Guarda, Portugal
28	M. N. Ibrahim, Peter Sergeant, E. M. Rashad	Synchronous reluctance motors performance based on different electrical steel grades	INTERMAG Beijing, China
29	Sherif M. Dabour, S. M. Allam and Essam M. Rashad	A Simple CB-PWM Technique for Five-Phase Matrix Converters Including Over-Modulation Mode	The 8 th IEEE GCC Muscat, Oman
30	Mohamed G. Mousa, S. M. Allam, and Essam M. Rashad	Maximum Power Tracking of a Grid-Connected Wind-Driven Brushless Doubly-Fed Reluctance Generator using Scalar Control	The 8 th IEEE GCC Muscat, Oman
31	S. A. Abou Hashesh, M. K. El-Nemr and E. M. Rashad	Correlative Angles Switching Technique for Switched Reluctance Motor Drive Systems	The 8 th IEEE GCC Muscat, Oman
32	Sherif M. Dabour, S. M. Allam and Essam M. Rashad	Indirect Space-Vector PWM Technique for Three to Nine Phase Matrix Converters	The 8 th IEEE GCC Muscat, Oman
33	Abd-ElFattah Hamad, Ayman Hoballah and Ahmed M. Azmy	Impact of DG Units on Distribution Networks Considering Repairing Fault Periods	MEPCON Mansoura, Egypt
34	A. Abou El-Ela Abeer A. E. Shammah Ahmed M. Azmy	Online Voltage Profile Regulation in Smart Distribution Systems using Neural Network and Decision Tree Techniques	MEPCON Mansoura, Egypt
35	W. S. Sakr, Ragab A. El-Sehiemy and Ahmed M. Azmy	Optimizing Reactive Power Dispatch considering TCSC allocation by Modified Differential Evolution Algorithm	MEPCON Mansoura, Egypt
36	Mahmoud H. Elkazaz, Ayman A. Hoballah and Ahmed M. Azmy	Optimal Operation of a Hybrid Fuel Cell-Photovoltaic Residential System Based on Automating Technologies	MEPCON Mansoura, Egypt

37	A.S. Zalhaf, Ayman Hoballah and Ahmed M. Azmy	Optimal Sizing of Wind Farms to Minimize Energy Losses in Electric Power Systems	MEPCON Mansoura, Egypt
38	M. R. Elkadeem M. A. Alaam Ahmed M. Azmy	Distribution Automation System Implemented for Underground Medium Voltage Networks: Case Study	MEPCON Mansoura, Egypt
39	M. Mohiedden, S. M. Allam and T. M. Abdel-Moneim	Dynamic Analysis of an Isolated Self-Excited Synchronous Reluctance Generator Driven by a Variable-Speed Wind Turbine	MEPCON Mansoura, Egypt
40	F. M. Aboshady, M. A. Alaam and Ahmed M. Azmy	Fault Locator for Distribution Systems with Distributed Generation using Sequence Components	MEPCON Mansoura, Egypt
41	Ali H. Kasem Alaboudy, Ahmed M. Azmy, and Walid S.E. Abdellatif	Controller Performance of Variable Speed Wind Driven Doubly-Fed Induction Generator	SASGC Jeddah, Saudi Arabia
42	W. S. Sakr, Ragab A. El-Sehiemy and Ahmed M. Azmy	Efficient Reactive Power Management via Enhanced Differential Evolution Algorithm with Adaptive Penalty Factor	IJPEE, Vol. 6, No. 2, ISSN (2314-7318)
43	Walid S.E. Abdellatif, Ali H. Kasem Alaboudy, and Ahmed M. Azmy	Evaluation of Voltage Flicker Emissions of Variable Speed DFIG-Based Wind Turbines	ICEST Cairo, Egypt
44	D. A. Mansour	Development of a new graphical technique for dissolved gas analysis in power transformers based on the five combustible gases	IEEE Trans. on Dielectrics and Elec. Insulation, Vol. 22, pp. 2507-2512

45	Hossam A. Abdel-Ghany and Ahmed M. Azmy	Defining the practical constraints of inserting DG distribution systems regarding protection schemes	International Trans. on Electrical Engineering. Systems
46	S. M. Imam and A. M. Azmy	Sizing and economic analysis of stand-alone PEM fuel cell systems for residential utilization	International Review of Applied Sciences and Eng., Vol. 6, Iss. 1
47	Sherif Imam, Ahmed M. Azmy, Essam Rashad and Geza Husi	Sizing and Economic Analysis of Hybrid PV/PEMFC Systems for Remote Areas Residential Utilization	Nonconventional Technologies Review
48	Ali H. Kasem Alaboudy, Ahmed M. Azmy and Walid S.E. Abdellatif	A Comparative Performance Analysis and Flicker Assessment of SCIG and DFIG-Based Wind Turbines	Port Said Engineering Research Journal
49	E. G. Atiya, D. A. Mansour, R. M. Khattab and A. M. Azmy	Dispersion behavior and breakdown strength of transformer oil filled with TiO ₂ nanoparticles	IEEE Trans. on Dielectrics and Elec. Insulation, Vol. 22, No. 5, pp. 2463-2472