

Electrical Engineering Department

Recent Publication list

Sl.	35-36 H	36-37 H
1.	Seif Shebl , "Novel Semi-Blind Spectrum Sensing in Cognitive Radio Networks with Fourth-Order Statistics", <i>Wireless Personal Communications</i> , vol. 82: 2097–2113, 30 January, 2015	Mushtaq A. Alqaisy, C. Chakrabraty, J. Ali, A. R. H. Alhawari & Tale Saeidi, "Reconfigurable Bandwidth and Tunable Dual-Band Bandpass Filter Design for Ultra-Wideband (UWB) Applications" <i>Electromagnetics</i> , vol. 36, no. 6, pp. 366–378, 2016.
2.	Seif Shebl , "Convex Optimization Based PAPR Reduction in NC-OFDM Cognitive Radio Systems", <i>PIERS Conference</i> , June 2015.	Tale Saeidi, Idris B. Ismail1, Mojtaba Ahadi, and Adam R. H. Alhawari , "Photonic Band Gap Aperture Coupled Fractal Shape Tri-Band Active Antenna", <i>Progress In Electromagnetics Research C</i> , Vol. 69, 125–138, 2016.
3,	Ayman Hindi , "Optimizing the Implementation Process of Installing Capacitor Banks in Electrical Industrial Network", <i>Indian Journal of Applied Research</i> , Volume : 5, Issue : 6, ISSN - 2249-555X, Pages695–698, June 2015.	M. S. Akond , A. AlWadie and H. M. Masoudi, "Modeling femtosecond pulses in optical power splitter using time domain techniques" <i>Opt Quant Electron</i> (2016) 48:106.
4.	A. Y. Al-Ashwal, A. H. M. Al-Mawgani , Waled Hussein Al-Arashi, "An Image Steganography Algorithm for Hiding Data Based on HDWT, LZW and OPAP", <i>Journal of Science and Technology</i> , vol. 20. no. 1(2015), pp. 10-22, 2015	A Elmitwally , M Elsaid, M Elgamal, Z Chen," A Fuzzy-Multiagent Self-Healing Scheme for a Distribution System With Distributed Generations" <i>IEEE Transactions on Power Systems</i> 30 (5), 2612-2622
5.	Motea Alsamawi, A. H. M Almwagani , Waled Al-Arashi, "An Outage Probability in Cooperative MIMO Under Slow Fading Channel", <i>Journal of Science and Technology</i> , 2015 (in press).	A Elmitwally , E Gouda, S Eladawy," Optimal allocation of fault current limiters for sustaining overcurrent relays coordination in a power system with distributed generation", <i>Alexandria Engineering Journal</i> 54 (4), 1077-1089
6.		A Elmitwally , M Elsaid, M Elgamal, Z Chen "A Fuzzy-Multiagent Service Restoration Scheme for Distribution System With Distributed Generation" <i>IEEE Transactions on</i>

		Sustainable Energy 6 (3), 810-821, 2015
7.		A Elmitwally , A Eladl, " Planning of multi-type FACTS devices in restructured power systems with wind generation," International Journal of electrical Power & Energy Systems 77, 33-42, 2016
8.		A Elmitwally , A Eladl, SM Abdelkader, "Efficient algorithm for transmission system energy loss allocation considering multilateral contracts and load variation", IET Generation, Transmission & Distribution 9 (16), 2653-2663, 2015
9.		A Elmitwally , E Gouda, S Eladawy, "Restoring recloser-fuse coordination by optimal fault current limiters planning in DG-integrated distribution systems" International Journal of Electrical Power & Energy Systems 77, 9-18, 2016
10.		A Elmitwally , A Eladl, S Abdelkader, "Algorithm for Transmission Loss Allocation in Market-Based Power Systems with Wind Generation", Journal of Energy Engineering, Volume 142, Issue 4, pp. 1-11, Dec. 2016.
11.		AR Al-Zyoud, A Alwadie , A Elmitwally , A Basheer, "Investigation of Earth Fault Characteristics Under Different Neutral Grounding Methods" International Review on Modelling and Simulations (IREMOS) 8 (3), 323-330, 2015
12.		A Elmitwally , A Eladl, J Morrow, "Long-term economic model for allocation of FACTS devices in restructured power systems integrating wind generation" IET Generation, Transmission & Distribution 10 (1), 19-30, 2016
13.		A Elmitwally , E Gouda, S Eladawy, "Optimal

		Application of Fault Current Limiters for Assuring Overcurrent Relays Coordination with Distributed Generations," Arabian Journal for Science and Engineering, Arabian Journal for Science and Engineering, Volume 41, Issue 9, pp. 3381–3397, September 2016.
14.		A Elmitwally, Alwadie A., "ANN-Based Scheme for Protection of a Radial Distribution Network with Distributed Generation", International Conference on Renewable Energies and Power Quality (ICREPPQ'16) Madrid (Spain), 4th to 6th May, 2016.
Total	4 Journals and 1 Conference	13 Journals, 1 International Conference