

Electrical Engineering

Year 2011

Conference Papers

M. Jama, A. Assi, H. Noura. A Review on the Control Techniques of Heaving Wave Energy Converters for Maximum Power Take-Off. The International Conference on Sustainable Systems and the Environment (ISSE 2011). Sharjah, UAE, March 23-24, 2011.

O. Zoubeidi, A. Fardoun, H. Noura, C. Nayar. Hybrid Renewable Energy Solution for Safari Camps. The fifth Global Conference on Power Control and Optimization PCO 2011. Dubai, UAE, June 1-3, 2011.

Abou Jaoude, K. . El-Tawil, S. Kadry, H. Noura, and M. Ouladsine, Prognostic Model for Buried Tubes. International Conference on Advanced Research and Applications in Mechanical Engineering (ICARAME'11), Notre Dame University, Louaize, Lebanon, June 13-15, 2011.

M. Jama, A. Assi, H. Noura. On the Control Requirements of Heaving Wave Energy Converters. The 2011 International Conference on Water, Energy, and the Environment (ICWEE'2011). Sharjah, UAE, November 14-17, 2011.

S. Al-Zuhair, H. Noura, A. Fardoun. Using Activated Carbon from Waste Date-pits as an Adsorbent for Transformer Oil Regeneration. The World Congress on Sustainable Technologies (WCST-2011) London, UK, November 2011.

Qurban Memon, S. Khoja, A. Harb "Integrating Specialization-Specific area courses' Assessments for Overall Program Assessment", Proceedings of ICEE, Belfast, UK, 2011.

S. Khoja, Qurban Memon, "Developing a low cost E-learning Framework for Engineering Courses in Developing Countries", Proceedings of ICEE, Belfast, UK, 2011.

Qurban Memon, Hend Alqamzi, "An Energy-Efficient Image Search Algorithm for Hybrid Delivery Model of Image Sensor Networks", Proceedings of 2nd International Symposium on Middleware and Network Applications, April 11-13, Las Vegas, US, 2011.

K. Waseem, A. Javed, R. Ramzan, and M. Farooq, "Using evolutionary algorithms for ECG Arrhythmia detection and classification", in Proc. ICNC, pp.2386-2390, 2011.

Ala A. Hussein and Issa Batarseh "An Overview of Generic Battery Models", IEEE Power and Energy Society (PES) General Meeting, Detroit, Michigan, USA, July 24-28, 2011.

Ala A. Hussein and Issa Batarseh "State-of-Charge Estimation for a Single Lithium Battery Cell Using Extended Kalman Filter", IEEE Power and Energy Society (PES) General Meeting, Detroit, Michigan, USA, July 24-28, 2011.

Ala A. Hussein, Nasser Kutkut and Issa Batarseh "A Hysteresis Model for a Lithium Battery Cell with Improved Transient Response", 26th IEEE Applied Power Electronics Conference (APEC) Proceedings, pp. 1790-1794, Fort Worth, Texas, USA, March 6-10, 2011.

M. I. Hussein, "Scattering properties of elliptical cylinder coated by loosy DNG metamaterial," PIERS 2011 Symposium, Marrakesh, Morocco, March 20-23, 2011.

A. M. Gaouda, Farag Sallabi, A. H. El-Hag and M.M.A. Salama, "Zigbee Performance During Sever Interruptions in Electric Power Systems," The EPQU'11 International Conference, Lisbon 17-19 Oct, 2011.

AbdulMusalib Masaud-Wahaishia, and A.M. Gaouda, "Intelligent Monitoring and Control Architecture for Future Electrical Power Systems," The 2nd International Conference on Ambient Systems, Networks and Technologies. September 19-21, 2011, Niagara Falls, Ontario, Canada.

H. El-Hag, A.M. Gaouda and S. H. Jayaram, "A Novel Technique to Detect AC Machine Turn Insulation Failure Subjected to Steep Front Impulse Waveform," The International Conference on Power System Transient, Delft, The Netherlands, June 14-17, 2011.

A.M. Gaouda, A.M. Abdrabou, O.A .Abuzeidand and Farag K. Omar “Integrating EIS and Wavelet Multi-resolution Analysis; Part 1: Enhancing Monitoring of Nonconductive Coatings,” The 2nd International Conference on Mechanical, Industrial, and Manufacturing Technologies (MIMT 2011), Singapore, 26 to 28 February 2011.
A.M. Gaouda, A.M. Abdrabou, O.A .Abuzeidand and Farag K. Omar “Integrating EIS and Wavelet Multi-resolution Analysis; Part 2: Modeling Nonconductive Coatings,” The 2nd International Conference on Mechanical, Industrial, and Manufacturing Technologies (MIMT 2011), Singapore, 26 to 28 February 2011.
A. Abdrabou and W. Zhuang, "Statistical QoS evaluation for cognitive radio networks," Proc. IEEE Globecom'11, Dec. 2011.
Mohammad Islam, Murslain Akon, Atef Abdrabou, and Xuemin Shen, “Modeling Epidemic Data Diffusion for Wireless Mobile Networks”, Proc. IEEE Globecom'11, Dec 2011.
Emad Elnajjar, Falah Awwad, and Fathi M. Allan, "Assessing the Efficiency of the Use of Laptops on the UAEU Students' Various Activities". IAT Technological Education Conference (IAT TEC 2011), Abu Dhabi, UAE, 30-31 March 2011.
Sulaiman Al-Zuhair, Hassan Noura and Abbas Fardoun, “Using Activated Carbon from Waste Date-pits as an Adsorbent for Transformer Oil Regeneration”, The World Congress of Sustainable Technology WCST2011, London , UK, November, 2011.
Abbas A. Fardoun, Esam H. Ismail, Ahmad J. Sabzali and Mustafa A. Al-Saffar, “Bi-Directional Converter with Low Input/Output Current Ripple for Renewable Energy Applications”, IEEE Energy Conversion Congress and Exposition, Phoenix, pp.3322-3329, September 2011.
Okba Zoubeydi, Abbas Ahmed Fardoun, Hassan Noura and Chem Nayar, “Hybrid Renewable Energy Solution for Safari Camps”, The fifth Global Conference on Power Control and Optimization PCO, Dubai, 1-3 June 2011.
Aysha Kemadish AL-Kaabi, Abbas A. Fardoun and Esam H. Ismail, Bridgeless Step/Up Unity Power Factor Rectifier for High Voltage applications, The International Conference on Sustainable Systems and the Environment ISSE'11 , Sharjah, March 23-24, 2011.
M. Al Shamisi, A. Assi and H. Hejase, “Prediction of Global Solar Radiation in Abu Dhabi City – UAE.” Proceedings of the 26th European Photovoltaic Solar Energy Conference and Exhibition, Hamburg, Germany, pp. 4328-4333, September 5-9, 2011. DOI: 10.4229/26thEUPVSEC2011-5BV.2.44, ISBN: 3-936338-27-2.
Rose Hasan, and Mohammed Abdel-Hafez, Average Bit Error Rate of Best Relay Selection Protocol for Cooperative Wireless Networks over independent nonidentical Nakagami-m Channels, 6th IEEE GCC Conference and Exhibition, February 19-22, 2011, Dubai, UAE.
Omkalthoum Al Bashir, and Mohammed Abdel-Hafez , 'Opportunistic Spectrum Access Using Collaborative Sensing in Nakagami-m Fading Channel with Real Fading Parameter, IEEE IWCMC 2011, pp. 472 – 476, July 5-8, 2011, Istanbul, Turkey.
M.S. Laghari, R. Hijer, & G.A. Khuwaja, “Efficient Technique for BGA Solder Joints Identification in Low Resolution X-Ray Images”, Conference Proceedings, “6th IEEE GCC Conference & Exhibition 2011”, Dubai, UAE, February 12-15, 2011, pp. 128-131.
Mohammad S. Laghari, Tariq R. Soomro, & Gulzar A. Khuwaja, “The use of Fourier Descriptors to Recognize Particle Profile”, Conference Proceedings, “4th IEEE International Conference on Modeling, Simulation, and Applied Optimization (ICMSAO'11)”, Kuala Lumpur, Malaysia, April 19-21, 2011, pp. 1-6.
Tariq Rahim Soomro, Mohammad S Laghari, & Hasan Wahba, “A2AShare: Towards Multilingual Academic P2P”, Conference Proceedings, “International Conference on Sociality and Economics Development (ICSEP 2011)”, Kuala Lumpur, Malaysia, June 17-19, 2011, pp. 199-203.
Qurban Memon and Hend Alqamzi. An Energy-Efficient Image Search Algorithm for Hybrid Delivery Model of Image Sensor Networks. Eighth international Conference on Information Technology: New Generations (ITNG). 2011.
Books
Edited Books
Book Chapters

<p>1. Qurban Memon, “Intelligent Network System for Process Control: Applications, Challenges, Approaches” Published in a book titled “Robotics, Automation and Control”, ISBN 978-953-7619-39-8, 2009.</p>
<p>2. F. Bateman, H. Noura, M. Ouladsine. Fault Diagnosis and Fault-tolerant Control applied to Unmanned Aerial Vehicles. ISBN 978-953-307-218-0 - Edited by: Agneta Balint, INTECH, April 2011.</p>
<p>3. Hassan A.N. Hejase, Ali H. Assi, “MATLAB-assisted regression Modeling of Mean Daily Global Solar Radiation in Al-Ain, UAE.” In: Assi AH (Ed) Engineering Education and Research using MATLAB, ISBN 978-953-307-656-0, Chapter 8, pp. 195-218, Intech publisher, 2011.</p>
<p>Patents</p>
<p>Jian Chen. James Buller and Akif Sultan, “Transistor with asymmetric silicon germanium source region”, US patent 8,035,098 and 8,377,781, GLOBALFOUNDRIES, patent granted October 11, 2011.</p>