

Curriculum Vitae

Name : Abdulhamed Mohammed Jasim
Position : Ninevah University Academic Staff
College : Electronics Engineering College
Department : Electronic department
E-mail : abdulhamed.jasim@uoninevah.edu.iq



Academic qualification

- B.Sc. in Electronic Engineering, Electronics Engineering College, Ninevah University, Mosul, Iraq, 2006.
- Master degree in Electrical Engineering, Engineering College, Mosul University, Mosul, Iraq, 2012.

Research Interests

Digital Signal Processing; Biomedical Applications; Embedded Systems; Solar Cells

Teaching

- Electronic 1
- Electronic LAB

Journal Publications

1. **Abdulhamed M. Jasim**, Hamam M. Abd, Jassim M. Abdul-jabbar, " Complexity Reduction of Slantlet Transform Structure Based on the Multiplierless Realization", *Journal of Engineering Science & Technology*, Issue 3, Vol. 15, June-**2020** (in press).
2. Hamam M. Abd, **Abdulhamed M. Jasim**, Sinan M. Aube, " Optimized Perturb and Observe Technique with Fast Convergence Under Rapidly Changing of Irradiation", *Journal of Engineering Science & Technology*, Issue 1, Vol. 15, July-**2020**, pp 66-76.
3. Abdulla I. Abdulla, Ibrahim K. Mohammed, **Abdulhamed M. Jasim**, "Roll Control System Design Using Auto Tuning LQR Technique", *International Journal of Engineering and Innovative Technology (IJEIT)*, ISSN: 2277-3754, Issue 1, Vol. 7, July **2017**.

4. Jassim M. Abdul-jabbar, **Abdulhamed M. Jasim**, "Design And Multiplierless Realization of ECG-Based Gaussian Wavelet Filter with Lattice Structures", Al-Rafidain Engineering Journal, University of Mosul, College of Engineering, ISSN1813-0526, Vol.(21), No.(2), April **2013**.
5. Jassim M. Abdul-jabbar, **Abdulhamed M. Jasim**, "Design and Multiplierless Implementations of ECG-Based 1st Order Gaussian Derivative Wavelet Filter with Lattice Structures", Journal of University of Anbar for pure science, ISSN 1991-8941, Vol.(6), No.(2), April **2012**.

Conference Publications

1. Hamam Abd, Emad Abdo, **Abdulhamed M. Jasim**, Ahmed Sabaawi, "Incremental Conductance Algorithm Optimization for a Photovoltaic System with Fast Response Under Fast-Varying of Solar Power", 10th International Renewable Energy Congress "IREC **2019** IEEE".