

Fadi F. Abu-Amara

Ph.D. Candidate, ECE Department, Western Michigan University
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EDUCATION

WESTERN MICHIGAN UNIVERSITY - College of Engineering and Applied Sciences, MI, M.S.E
Computer Engineering, 2007.

AL-BALQA' APPLIED UNIVERSITY - Faculty of Engineering Technology, Amman, Jordan. B.S.
Computer Engineering, second in Group, 2001.

SPECIALIZATIONS

Digital image processing, digital signal processing, and digital circuit's design/analysis using PsPice and Xilinx software.

EXPERIENCE

2005-present

- Student/Researcher in nondestructive testing using GPR and Mammography, Department of Electrical and Computer Engineering, Western Michigan University, Kalamazoo, MI.
- Reviewer for Elsevier journal of nondestructive testing.

2004–2005 Network Administrator, Computer Science Home, Amman, Jordan.

2001-2004 Instructor, Intermediate University College, Amman, Jordan.

TRAINING SESSIONS

Right to know session. Western Michigan Univeristy 2009.

Equipment protection. Western Michigan Univeristy 2009.

Academic Integrity. Western Michigan Univeristy 2009.

PROFESSIONAL AFFILIATIONS

Institute of Electrical and Electronics Engineers (IEEE), junior Member.

HONORS AND AWARDS

Certificate of Appreciation, ECE Department, Western Michigan University, 2006.

Training scholarship, Ain Shams University, Cairo, Egypt, 2000.

PUBLICATIONS

Abdel-Qader I, Krause V, Abu-Amara F, Abudayyeh O. A Comparative Study of Deconvolution Algorithms Applied to GPR Images of Concrete Bridge Decks. Submitted to NDT & E International Journal, Elsevier Publishing Company, January 2010.

Abu-Amara F, Abdel-Qader I. Hybrid mammogram classification using rough set and fuzzy classifier. International Journal of Biomedical Imaging 2009; 2009: 680508.

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Abdel-Qader I Abu-Amara F. A Computer-Aided Diagnosis System for Breast Cancer Using Independent Component Analysis and Fuzzy Classifier. Modelling and Simulation in Engineering 2008; 2008: 238305.

Abu-Amara F, Abdel-Qader I. Detection of Breast Cancer Using Independent Component Analysis. Electro/Information Technology Conference, IEEE, Chicago, Illinois Institute of Technology 2007.

Abu-Amara F, Abdel-Qader I. Detection of Breast Cancer Using Independent Component Analysis. Inaugural Celebration of Research and Creative Activities Day. Department of Electrical and Computer Engineering, Western Michigan University 2007.

Abdel-Qader I, Shen L, Jacobs C, Abu Amara F, Pashaie-Rad S. Unsupervised Detection of Suspicious Tissue Using Data Modeling and PCA. Hindawi Publishing Corporation International Journal of Biomedical Imaging 2006.

Abu Amara F. Programming Languages – Basic & C. First edition, national library number: 2002/3/723, Amman, Jordan 2002.