

Vitae

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PERSONAL

Date of Birth: August 24, 1961
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EDUCATION

- PhD* Computer Science, Louisiana State University, USA, 1993.
Specialty: Parallel and Distributed Systems.
Dissertation Title: Interconnection Networks Embeddings and Efficient Parallel Computations.
First Minor: Computer Engineering.
Second Minor: Statistics.
- MS* Computer Science, Alabama A&M University, USA, 1987.
Specialty: Intelligent Information Systems.
Thesis Title: Design and Implementation of an Intelligent Expert System Using the Forward/Backward Chaining Technique.
- BS* Computing and Information Systems, Oklahoma State University, USA, 1985.
- BS* Computer Engineering, Oklahoma State University, USA, 1984.

WORK EXPERIENCE

- 2010 - Current* Dean, Emirates College of Technology, Abu Dhabi, UAE.
- 2010 - Current* Board Member of the Quality and Accreditation Council, Association of Arab Universities.
- 2008 - Current* Consultant for Accreditation and Quality Assurance, Association of Arab Universities.
- 2010 - 2012* Board Member of the Arab Organization for Accreditation and Quality in Education, League of Arab States.
- 2010* Promoted to Professor.
- 2002 - 2010* Dean, Faculty of Science and Information Technology, Zarqa Private University, Jordan.
- 2007 - 2011* Secretary General, Colleges of Computing and Information Society, Association of Arab Universities.
- 2007 - 2011* Vice President, Executive Council, Jordan Engineering Association, Zarqa, Jordan.
- 2005 - 2011* Head, National Advisory Board for Computer Curriculums and Textbooks, Ministry of Education, Jordan.
- 2007 - 2008* Consultant, eMIS Project, Ministry of Higher Education and Scientific Research, Jordan.
- 2004 - 2005* Board Member, Jordan Accreditation Board, Ministry of Higher Education and Scientific Research, Jordan.

- 2006 - 2010* Consultant and Reviewer, Jordan Higher Education Accreditation Commission, Jordan.
- 2002 - 2008* Subject Reviewer Specialist for Computer Science Programs, UNDP and the British Quality Assurance Agency (QAA), UNDP/RBAS Higher Education Project, UNDP, UN.
- 2002* Promoted to Associate Professor.
- 1994 - 2002* Chairman, Computer Science Department, Zarqa Private University, Jordan.
- 1996 - 1997* Dean, Faculty of Science, Zarqa Private University, Jordan.
- 1994 - 1996* Director, Computer Center, Zarqa Private University, Jordan.
- 1993 - 1994* Assistant Professor, Computer Science Department, Sana'a University, Yemen.
- 1989 - 1993* Teaching Scholarship, Department of Computer Science, Louisiana State University, USA.
- 1986 - 1989* Programmer Analyst, Computer Services Department, Alabama A&M University, USA.
- 1984 - 1985* Lab Supervisor, Oklahoma State University, USA.

RESEARCH INTERESTS

Quality assurance and accreditation in higher education, e-technology, parallel and distributed systems, interconnection networks, parallel and VLSI computations, and fault-tolerance.

FUNDED RESEARCH PROJECTS

- Title: e-JMS
This project aims to develop a web-based integrated electronic center to manage the scientific journals published by the Ministry of Higher Education and Scientific Research, which are hosted in different Jordanian universities. The system automates all management processes, provides a wide range of reports, uses web technology which enables all users to use it anytime and anywhere, provides various settings according to the user's needs, publishes the papers electronically, and provides both English and Arabic interfaces. The project also aims to enhance the quality of the journals procedures to the international standards in order to be indexed in major international databases such as Thomson.
Primary Researcher: Emad Abuelrub
Funded Agency: Scientific Research Fund, Ministry of Higher Education and Scientific Research, Jordan.
Duration: two years (2010-2012).
Partners: Zarqa Private University, Jordan University, and Arab Open University.
- Title: Basic Operations on the Hyper-Mesh Interconnection Network
Primary Researcher: Emad Abuelrub
Funded Agency: Scientific Research Deanship, Zarqa Private University, Jordan
Duration: one year (2009-2010).
- Title: Data Communication and Parallel Computing on Crossed Cubes
Primary Researcher: Emad Abuelrub
Funded Agency: Scientific Research Deanship, Zarqa Private University, Jordan
Duration: one year (2009).
- Title: Developing a Framework to Assess the Quality of Faculty Members
Primary Researcher: Emad Abuelrub
Funded Agency: Scientific Research Deanship, Zarqa Private University, Jordan
Duration: one year (2008).

COURSES TOUGHT

Introduction to Computer Science, Computer Skills, Computer Programming I & II, Computer Applications, Digital Logic Design, Discrete Mathematics, Object-Oriented Programming, Visual Programming, Computer Architecture, Computer Organization, Numerical Analysis, Comparative Programming Languages, Data Structures, Database Systems, Systems Analysis and Design, Management Information Systems, Parallel Processing, Operating Systems, Compilers Construction, Database Administration, Design and Analysis of Algorithms, Special Topics in Computer Science, Special Languages in Computer Science, and Graduation Project.

HONORS & AWARDS

- Recognition Certificate, International Arab Conference on Quality Assurance in Higher Education, Association of Arab Universities, 2012.
- Recognition Shield, International Arab Conference on Information Technology, Colleges of Computing and Information Society, Association of Arab Universities, 2011.
- Appreciation Shield, Bangor University, UK, 2011.
- Recognition Shield, Jordan Engineering Association, Jordan, 2011.
- Appreciation Shield, Sudan University of Science and Technology, Sudan, 2010.
- Appreciation Shield, ITSAF'2010, Petra University, Jordan, 2010.
- ACIT 10 Years Excellence Shield, ACIT 10 Years Ceremony, International Arab Conference on Information Technology (ACIT), Association of Arab Universities, 2009.
- ACIT 10 Years Certificate of Appreciation, Colleges of Computing and Information Society, Association of Arab Universities, 2009.
- Appreciation Shield, University of Science and Technology, Yemen, 2009.
- Recognition Certificate, Information Technology Forum 3: Towards an Information Society, Islamic University of Gaza, Palestine, 2009.
- JEA 50 Years Recognition Shield, JEA 50 Years Ceremony, Jordan Engineering Association (JEA), 2009.
- Keynote Speaker Certificate of Appreciation, Workshop on Internal and External Evaluation in Arab Universities, Association of Arab Universities, 2008.
- Appreciation Shield, Sfax University, Tunisia, 2008.
- Appreciation Shield, University of Babylon, Iraq, 2008.
- Certified Peer Reviewer Certificate, Enhancement of Quality Assurance and Institutional Panning in Arab Universities, UNDP/RBAS Higher Education Project for Acting as a Peer Reviewer, UNDP, 2007.
- ACIT Crystal Appreciation Shield, the International Arab Conference on Information Technology, Association of Arab Universities, 2007.
- Recognition Shield, Higher Institute for Electronics, Bani Waled, Libya, 2007.
- Recognition Shield, Jordanian Engineering Association, Jordan, 2006.
- Recognition Shield, Education Council, Islamic Center Association, 2006.
- Excellence Partner Shield, Ministry of Information and Communication Technology, 2005.
- Appreciation Shield, International Palestine University, 2005.
- Appreciation Certificate, Mentouri University of Constantine, Algeria, 2005.
- JEA Best Achievements Certificate, Jordanian Engineering Association, Jordan, 2005.
- iiWAS Keynote Speaker Certificate of Appreciation, the 6th International Conference on Information and Web-based Applications & Services (iiWAS), Indonesia, 2004.
- Jakarta Municipality Recognition Shield, Indonesia, 2004.

- ZPU 10 Years Service Recognition Shield, Zarqa Private University, Jordan, 2004.
- JAS Recognition Shield, Jordanian Astronomical Society (JAS), Jordan, 2004.
- Listed in the honor list of Who's Who for Professionals, USA, 2004.
- Appreciation Shield, Khalid Center for Karate, 2004.
- ACIT Recognition Shield, the International Arab Conference on Information Technology, Association of Arab Universities, 2002.
- Appreciation Award, Professionals Associations Complex, Jordan, 2002.
- JEA Recognition Shield, Jordanian Engineering Association, Jordan, 2001.
- President Excellence Award, for chairing the Computer Science Department to attain the first rank in Al-Hussein Fund for Excellence Competition in Computing & Information Technology among all Jordanian universities which was conducted by the British Quality Assurance Agency (QAA), Zarqa Private University, 2001.
- Excellence Award, Zarqa Corporation for Education and Investment, Jordan, 2001.
- ACIT Recognition Award, General Secretariat, International Arab Conference on Information Technology, 2001
- Outstanding Academic Achievement Award, Louisiana State University, USA, 1993.
- Listed in Who's Who for Students, USA, 1991.
- Upsilon Pi Epsilon Computer Honor Society, USA, 1989-1993.
- Teaching Scholarship, Louisiana State University, USA, 1989-1993.
- Outstanding Academic Honor, Alabama A&M University, USA, 1987.

KEYNOTE SPEECHES

- "A General Framework for the Quality of Academic Programs in Arab Universities", invited speech, the 12th Annual Meeting of the Colleges of Computing and Information Society / Association of Arab Universities, Saudi Arabia, 2011.
- "Self Evaluation of Academic Programs", Self-Evaluation Workshop, University of Science and Technology, Yemen, 2010.
- "A Criteria to Evaluate the Quality of Websites," invited speech, Arab Nayef University, Saudi Arabia, March 8, 2010.
- "Evaluating Faculty Members from a Complete Perspective," invited speech, Arab Nayef University, Saudi Arabia, March 9, 2010.
- "A Framework to Assess the Quality of Academic Programs in Arab Universities," Quality Assurance in Higher Education Workshop, Colleges of Computing and Information Society Annual Meeting, Yemen, December 14, 2009.
- "Evaluating the Quality of IT Programs," Quality Assurance Workshop, Faculty of Information Technology, Sana'a University, Yemen, October 15-17, 2009.
- "Program and Institutional Accreditation", Induction Workshop for New Faculty Members, Zarqa Private University, Jordan, September 2009.
- "Assessing the Quality of Websites," e-Technology Forum, Arab Open University/Jordan and Islamic University at Gaza/Palestine, Video Conference, May 12, 2009.
- "Assessing the Quality of Academic Programs in Arab Universities: Colleges of Computing and Information Society as a Case Study," Workshop on Internal and External Evaluation in Arab Universities, Association of Arab Universities, Jordan, November 23-24, 2008.
- "Designing Information Technology Programs According to International Standards," Quality Assurance Workshop, University Education Development Center, Sana'a University, Yemen, October 21-22, 2007.

- "A Framework to Assess the Quality of Faculty Members," Induction Workshop for New Faculty Members, Zarqa Private University, Jordan, September 2006.
- "The Jordanian Accreditation Benchmark: Current and Future," Workshop on Enhancing the Quality of the Jordanian Accreditation Benchmark for Information Technology Programs, Accreditation Board, Ministry of Higher Education and Scientific Research, Jordan, May 7, 2005.
- "The Affect of e-Technology on the Youth," e-Technology and Youth Forum, Higher Council for Youth, Jordan, July 26, 2005.
- "Optimization of Distributed Queries," the 6th International Conference on Information and Web-based Applications & Services (iiWAS), Indonesia, 2004.
- "Assessing the Computer Science Program Based on the QAA Benchmark," Zarqa Private University, September 17, 2002.
- "The 2K Conflict," Zarqa Private University, Jordan, 1999.
- "AI: Myth and Reality," The Annual Scientific Day, Islamic Community College, Jordan, 1998.
- Presented many talks in local and regional workshops and seminars about different aspects of quality assurance in higher education and IT related topics.

TRAINING SESSIONS

- EFQM (European Foundation for Quality Management) Excellence Assessor, International Performance Excellence, UAE, 12-14/2/2011.
- e-Content Management Using Joomla, Zarqa Private University, Jordan, 2010.
- FP7 Contract Negotiation and Finance Support to Research and Technological Development, and Innovation Initiatives and Strategies, Higher Council for Science and Technology, Jordan, December 6-9, 2009.
- Management Skills for Higher Executives, Jordan Engineering Association, July 7, 2009.
- Framework Programme 7 Internship, Support to Research and Technological Development and Innovation Initiatives and Strategies, European Commission, Brussels, Belgium, June 5-13, 2009.
- Framework Programme 7 Advisor, Support to Research and Technological Development and Innovation Initiatives and Strategies, EU and Higher Council for Science and Technology, Jordan, May 12-13, 2009.
- Initial Liaison Officer Training: Support to Research and Technological Development and Innovation Initiatives and Strategies, EU and Higher Council for Science and Technology, Jordan, April 20-21, 2009.
- e-Learning Content Management Using Moodle, Zarqa Private University, 2007.
- Capacity Building Workshop, Husein Fund for Excellence and the American Center for Quality Assurance in International Education, Jordan, 2006.
- Assessing the Quality of Computer Science Programs: Enhancements and Developments, Husein Fund for Excellence and the British QAA, Jordan, 2006.
- Major Field Test Administration and Test Security: Enhancement of Quality Assurance & Institutional Planning at Arab Universities, UNDP & ETS, Tunisia, 2003.
- Assessing the Quality and Impact of Academic Programmes in Arab Universities: Preparation and Evaluation of the Self-evaluation Document, UNDP & QAA, Jordan, 2002.
- Assessing the Quality and Impact of Academic Programmes in Arab Universities: Preparation for Work as Academic Subject Reviewer, UNDP & QAA, Jordan, 2002.
- Visual Modeling with Rational Rose 2000 and UML, Rational Technologies, Jordan, 2002.
- Assessing the Quality Assurance in Computing in Arab Universities, QAA, Jordan, 2002.
- Quality Assessment of Computer Science at Jordanian Universities, QAA, Jordan, 2001.
- Electronic Distance Learning in Arab Universities: Current and Future, Arab States League, Egypt, 2000.

- Object-Oriented Programming Using Java, ZPU, Jordan, 2000.
- Fast Track to Power Builder, TGIS, Jordan, 1999.
- PC Assembling and Troubleshooting, ZPU, Jordan, 1998.
- Web Publishing Using HTML & Front Page, ZPU, Jordan, 1998.
- CDS/ISIS: An Arabic Library Information System, Lebanese University, Lebanon, 1997.
- Local Area Networks and Switch Administration, CEB, Jordan, 1997.
- Oracle/Developer 2000 Forms & Reports, CEB, Jordan, 1997.
- Windows NT 4.0 Administration, CEB, Jordan, 1997.
- Introduction to Oracle SQL Plus, CEB, Jordan, 1996.
- MINISIS Library Information System, Arab States League, Egypt, 1996
- UNIX System Administration, STS, Jordan, 1995.
- New Faculty Members Orientation, ZPU, Jordan, 1995.
- UNIX Advanced User, STS, Jordan, 1995.
- Advanced Microsoft ACCESS, ZPU, Jordan, 1995.
- Introduction to Networking and Novell Administration, AlRaid AlArabi, Jordan, 1994.

PROFESSIONAL ACADEMIC ACTIVITIES

- Steering Committee and founder member, International Arab Conference on Quality Assurance in Higher Education (IACQA), Association of Arab Universities, since 2010.
- Reviewer for institutional accreditation and information technology programs, Jordan Accreditation Commission, since 2006.
- Specialist Reviewer, External Reviewer, and Consultant for computing and information technology programs for many Arab universities, since 2003.
- Reviewer for computing and information technology programs, Ministry of Higher Education, Palestinian Authority, since 2003.
- Member, Steering Committee for Establishing the Jordanian Accreditation Commission, Ministry of Higher Education and Scientific Research, 2003-2005.
- External Examiner for computing and information technology for many Jordanian Universities, since 2006.
- Consultant and reviewer for computing and information technology programs, Sana'a University, Yemen, since 2007.
- Member of the Editorial Board and founder, International Arab Journal of Information Technology, Association of Arab Universities, since 2003.
- Member of the Editorial Board and founder, International Arab Journal of e-Technology, Association of Arab Universities, since 2008.
- Associate Editor-in-Chief and founder, International Arab Journal of Informatics, Association of Arab Universities, since 2011.
- Editor-in-Chief, International Arab Journal of Information Technology, Association of Arab Universities, 2003-2010.
- Secretary General, International Arab Conference on Information Technology, Association of Arab Universities, 2003-2010.
- Consultant and Subject Reviewer Specialist for Computer Science Programs, UNDP and the British Quality Assurance Agency (QAA), 2002-2008.
- Advisory Board Member, Jordan Engineering Association, 2002-2011.
- Information Technology Consultant, Jordan Supreme Court, since 2004.
- Informatics Terminology Committee, Jordan Academy of Arabic, Jordan, since 2003.

- Steering Committee and founder member, International Arab Conference on Information Technology, Association of Arab Universities, since 1999.
- Member of the e-learning Strategy National Committee, Ministry of Higher Education and Scientific Research, Jordan, 2006-2007.
- Member of the Organization Committee, Palestine International Conference on Computer Technology, Palestine, 2010.
- Chairing the Steering Committee of enhancing the quality of the accreditation benchmark for IT programs, Ministry of Higher Education, Jordan, 2005.
- Member of the Steering Committee of enhancing the quality of the accreditation benchmark for scientific programs, Ministry of Higher Education, Jordan, 2005.
- Member of the Editorial Board, Applied Science Journal, University of Sana', Yemen, since 2005.
- Member of the Program Committee, The Sixth International Conference on Information Integration and Web-based Applications and Services, Indonesia, 2004.
- Member of the Program Committee, Jordan International Conference on Computer Science and Engineering Conference, Jordan, 2004.
- Member of the Quality Assurance Committee, Ministry of Higher Education, Jordan, 2003-2004.
- Member of the Scientific Committee, International Arab Conference on Information Technology, Association of Arab Universities, Egypt, 2003.
- Member of the Central General Assembly, Jordanian Engineering Association, Jordan, since 2003.
- Member of the Technical Committee, International Conference on Information Technology and Natural Science, Jordan, 2003.
- Member of the Editorial Board, Zarqa Journal for Research and Studies, since 2002.
- Member of the Technical Committee, the Third Scientific Conference on Computers and Their Applications, Jordan, 2001.
- Member of the Executive Committee and founder member of the Colleges of Computers and Information Society, Association of Arab Universities, since 2000.
- Member of the Computer Task Force, Jordanian Ministry of Education, 2000-2005.
- Vice Secretary General, International Arab Conference on Information Technology, Association of Arab Universities, 2000-2003.
- Program Chair, International Arab Conference on Information Technology, Association of Arab Universities, Jordan, 2000.
- Member of the Consultation Council, Jordanian Engineering Association, Zarqa, Jordan, since 2000.
- Member of the Jordanian Engineering Association Council, Zarqa, Jordan, since 1998.
- Head of the Scientific Committee, Jordanian Engineering Association, Zarqa, Jordan, 1998-2009.
- Jordanian Engineering Association, Jordan, member since 1993.
- Association for Computing Machinery, USA, member since 1987.
- IEEE Computer Society, USA, member since 1987.
- IEEE, USA, member since 1987.

PREVIOUS UNIVERSITY ACADEMIC ACTIVITIES

- Accreditation and Quality Assurance Steering Committee, head.
- ISO 9001:2008 Quality Project Committee, head.
- Computer Services Center Council, head.
- E-Learning Center Council, head.
- University Council, member.
- Faculty Quality Assurance Committee, member.
- Scientific Research Council, member.

- Strategic Planning Committee, member.
- Curriculum Committee, member.
- Scholarships Committee, member.
- Computing and Internet Committee, head.
- Member/head of many faculty and department committees.

REVIEWING

- The International Arab Journal of e-Technology, Association of Arab Universities, since 2008.
- Dirasat Journal, University of Jordan, since 2007.
- Journal of Modeling and Simulation, USA, since 2004.
- IEEE Transactions on Parallel and Distributed Systems, USA, since 2003.
- The International Arab Journal of Information Technology, Association of Arab Universities, since 2003.
- Journal of the Association of Arab Universities, Jordan, since 2002.
- Computer Journal, British Computer Society, UK, since 2001.
- Jordan Journal of Applied Science, Jordan, since 2001.
- IEEE Transactions on Computers, USA, since 1998.
- Zarqa Journal for Research and Studies, Zarqa Private University, Jordan, since 1998.
- The International Arab Conference on Quality Assurance in Higher Education, since 2010.
- The Sixth International Conference on Information Integration and Web-based Applications and Services (iiWAS), Indonesia, 2004.
- Jordan International Conference on Computer Science and Engineering Conference, Jordan, 2004.
- The International Conference on Information Technology and Natural Science, Jordan, 2003.
- The International Arab Conference on Information Technology, since 2000.
- The Third Scientific Conference on Computers and Their Applications, Jordan, 2001.
- IASTED European Conference on Parallel and Distributed Systems, 1998.
- Third IEEE Symposium on Parallel and Distributed Processing, USA, 1991.
- Fourth IEEE Symposium on Parallel and Distributed Processing, USA, 1992.

PUBLICATIONS

1. L. Hasan and E. Abuelrub, "A Framework to Assess the Quality of Academic Websites," *International Arab Journal of Informatics*, vol. 1, no. 1, pp. 1-14, 2012.
2. E. Abuelrub, F. Kharbat, H. Fawareh, and L. Hasan "A Criteria to Assess the Quality of Web-Based Journal Management Systems", *Proceedings of the International Arab Conference on Quality Assurance in Higher Education (IACQA'2012)*, Bahrain, 4-5 April, 2012.
3. L. Hasan and E. Abuelrub, "Usability Testing for IAJIT OpenConf Journal Management System", *to appear in Journal of Software*, 2013.
4. E. Abuelrub, "Data Communication and Parallel Computing on Crossed Cubes," *to appear in the International Journal of Computers and Applications*.
5. E. Abuelrub, "Embedding Cycles and Meshes into the Hyper-Mesh Interconnection Network," *to appear in Advances in Computer Science and Engineering Journal*.
6. E. Abuelrub, "Basic Operations on the Hyper-mesh Interconnection Network," *submitted for publication*, 2011.
7. B. Barqawi, F. Kharbat, and E. Abuelrub, "Course Portfolio Role in Quality Assurance in Higher Education Institutes: Emirates College of Technology Best Practices," *under preparation*.
8. F. Kharbat, H. Fawareh, L. Hasan, and E. Abuelrub, "IAJIT OpenConf: Analysis and Design", *under preparation*.

9. E. Abuelrub and B. Barqawi, "An Analytical Study of the Jordanian Institutional Accreditation System," *under preparation*.
10. B. Barqawi, F. Kharbat, and E. Abuelrub, "Quality Assurance of Teaching and Learning in Higher Education Institutes: Emirates College of Technology Best Practices," *Proceedings of the Arab Network for Quality Assurance in Higher Education Conference*, Abu Dhabi, UAE, December 13-15, 2011.
11. F. Alhaj, E. Abuelrub, S. Majeed, and M. Qarabshi, *Handbook of Quality Assurance of Academic Programs in Arab Universities*, Association of Arab Universities, 2011.
12. M. Abdullah, E. Abuelrub, and B. Mahafzah, "The Chained-Cubic Tree Interconnection Network," *International Arab Journal of Information Technology*, vol. 8, no. 3, pp. 334-343, July 2011.
13. E. Abuelrub, I. Qadadah, M. ElWadi, and R. AlTai, *Quality Assurance in Higher Education: Research and Studies*, Dar Safa', Amman, Jordan, 2010.
14. K. Hawamdeh and E. Abuelrub, "Problems Facing Students in Electronic Exams," *Al-Arabiya 3000 Journal*, vol. 10, no. 2, 2010.
15. E. Abuelrub and H. Fawareh, "Assessing the Quality of Information Technology Programs," *Journal of Human Sciences*, no. 46, 2010.
16. E. Abuelrub, "Embedding Interconnection Networks in Crossed Cubes," *a book chapter in L. Gelman and S. Ao (Editors), Electronic Engineering and Computing Technology*, Springer, 2010.
17. H. Mahmoud and E. Abuelrub, "The Design of an Integrated Mobile e-Guide System for Tourism", *International Journal of Interactive Mobile Technology*, vol. 4, no. 2, pp. 4-9, April 2010.
18. L. Hasan and E. Abuelrub, "Assessing the Usability of IAJIT OpenConf", *Technical Report*, Colleges of Computing and Information Technology, Association of Arab Universities, 2010.
19. E. Abuelrub, F. Kharbat, H. Fawareh, "IAJIT OpenConf: A Web-Based Journal Management System", *Technical Report*, Colleges of Computing and Information Society, Association of Arab Universities, 2009.
20. E. Abuelrub, "A Quality Benchmark for IT Programs", *Technical Report*, Colleges of Computing and Information Society, Association of Arab Universities, 2009.
21. E. Abuelrub, "On the Topological Properties of the Hyper-Mesh Interconnection Network," *Egyptian Computer Science Journal*, vol. 33, no. 1, pp. 14-25, 2009.
22. E. Abuelrub, "Embeddings into Crossed Cubes," *WCE Lecture Notes in Engineering and Computer Science*, International Association of Engineering, vol. 1, pp. 234239, UK, 2009.
23. E. Abuelrub and I. Qadadah, "A Suggested Framework to Evaluate the Performance of Faculty Members in Higher Education Institutes," *Arab Quality Assurance Journal*, vol. 1, no. 1, 2008.
24. A. Issa, E. Abuelrub, B. Beck, and D. AlRamouni, *Computer Skills*, Dar AlMassira, Amman, Jordan, 2008.
25. L. Hasan and E. Abuelrub, "Assessing the Quality of Web Sites," *INFOCOMP Journal of Computer Science*, vol. 7, no. 4, pp. 11-20, 2008.
26. E. Abuelrub, "A Comparative Study on the Topological Properties of the Hype-Mesh Interconnection Network," *WCE Lecture Notes in Engineering and Computing Science*, International Association of Engineering, vol. 1, pp. 616-621, UK, 2008.
27. E. Abuelrub, "Embedding Trees and Cycles into Crossed Cubes," *Egyptian Computer Science Journal*, vol. 30, no. 1, pp. 25-34, 2008.
28. E. Abuelrub, "The Hamiltonicity of Faulty Crossed Cubes," *IAENG Engineering Letters: A Special Issue on High Performance Reconfigurable Computing*, vol. 16, no. 3, pp. 453-459, 2008.
29. E. Abuelrub, M. AlWadi, A. Hudaib, and F. Zghool, "A Framework for the Jordanian Accreditation Criteria for Information Technology Programs," *Management of Information Technology Journal*, vol. 3, no. 4, October 2007.
30. E. Abuelrub, O. AlJarrah, K. Khawaldi, and M. Batayneh, "A Framework for Evaluating the Quality of an Academic Program," *Journal of the Association of Arab Universities: A Special Issue on Quality of Higher Education*, no. 4, pp. 443-478, 2007.

31. E. Abuelrub, "Fault-Tolerance Mappings of Complete Quad Trees into Crossed Cubes, *Journal of the Institute of Mathematics and Computer Science*, vol. 18, no. 1, pp. 17-25, 2007.
32. E. Abuelrub, "Data Communication and Parallel Computation on Twisted Cubes," *WCE Lecture Notes in Engineering and Computing Science*, International Association of Engineering, vol. 1, pp. 584-588, UK, 2007.
33. E. Abuelrub and L. Hasan, "A Suggested Framework to Assess the Quality of Websites," *Al-Arabiya 3000 Journal*, vol. 6, no. 4, pp. 95-132, 2006.
34. E. Abuelrub and L. Hasan, "Assessing the Quality of Electronic Services for Business Firms in the Globalization Age," *Proceedings of the International Conference on Modern International Trends in Business Firms: Challenges, Opportunities, and Future*, Jordan, 2006.
35. L. Hasan and E. Abuelrub, "Criteria for Evaluating Quality of Websites," *Proceedings of Managing Information in the Digital Economy: Issues and Solutions*, Germany, 2006.
36. A. Aljanaby, E. Abuelrub, and M. Odeh, "A Survey of Distributed Query Optimization," *the International Arab Journal of Information Technology*, vol. 2, no.1, 2005.
37. M. Al-Saleh, S. Al-Ariki, and E. Abuelrub, "Implementation of a Distributed Database Using Oracle 9i," *Proceedings of the JICCSE'2004 Conference*, Jordan, 2004.
38. A. Aljanaby and E. Abuelrub, "Optimization of Distributed Queries: A Survey," *Proceedings of the 6th International Conference on Information and Web-Based Applications and Services (iiWAS'2004)*, Jakarta, Indonesia, 2004.
39. K. Mansour, Ezz Hattab, and E. Abuelrub, "Intelligent Agents Review," *Proceedings of the 6th International Conference on Information and Web-Based Applications and Services (iiWAS'2004)*, Jakarta, Indonesia, 2004.
40. M. Al-Saleh and E. Abuelrub, "A Distributed Registration Database System," *Sana'a University Journal of Science and Technology*, vol. 1, no. 1, pp. 71-79, 2004.
41. E. Abuelrub, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 1, Dar Al-Manahal, Jordan, 2005.
42. E. Abuelrub, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 2, Dar Al-Manahal, Jordan, 2005.
43. E. Abuelrub, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 3, Dar Al-Manahal, Jordan, 2005.
44. E. Abuelrub, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 4, Dar Al-Manahal, Jordan, 2006.
45. E. Abuelrub, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 5, Dar Al-Manahal, Jordan, 2006.
46. E. Abuelrub, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 6, Dar Al-Manahal, Jordan, 2006.
47. E. Abuelrub, M. Al-Amaireh, K. Waleed, M. Ktaishat, and A. Sharay'a, *Computing for Secondary Level*, Ministry of Education, Jordan, 2004.
48. E. Abuelrub, A. Yaghi, F. Hammuda, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 1, Arabic Edition, Dar Al-Manahal, Jordan, 2004.
49. E. Abuelrub, A. Yaghi, F. Hammuda, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 2, Arabic Edition, Dar Al-Manahal, Jordan, 2004.
50. E. Abuelrub, A. Yaghi, F. Hammuda, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 3, Arabic Edition, Dar Al-Manahal, Jordan, 2005.
51. E. Abuelrub, A. Yaghi, F. Hammuda, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 4, Arabic Edition, Dar Al-Manahal, Jordan, 2005.
52. E. Abuelrub, A. Yaghi, F. Hammuda, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 5, Arabic Edition, Dar Al-Manahal, Jordan, 2006.
53. E. Abuelrub, A. Yaghi, F. Hammuda, K. Hamam, F. Shadad, and H. Khazouz, *The Computer Club*, Level 6, Arabic Edition, Dar Al-Manahal, Jordan, 2006.

54. E. Abuelrub, K. Hamam, F. Shadad, H. Khazouz, and M. AbuRyash, *The Computer Club*, Level 7, Arabic Edition, Dar Al-Manahal, Jordan, 2007.
55. E. Abuelrub, K. Hamam, F. Shadad, H. Khazouz, and M. AbuRyash, *The Computer Club*, Level 8, Arabic Edition, Dar Al-Manahal, Jordan, 2007.
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