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Resarch interst	<ol style="list-style-type: none"> 1. Software Engineering (Software Requirements, Software Design, Software Quality, Development Processes and Reverse Engineering). 2. Computer networks and security; 3. Database systems; 			
Phd or master degree	Phd	University	Country	Year
		Kharkov National University of Radio Electronics	Ukraine	2002
Experience	<ol style="list-style-type: none"> 1. 2013 to present Associate Professor, Deputy Dean and head of Software Engineering Department, Faculty of Science and Information Technology, Al- Zaytoonah University, Amman, Jordan; 2. 2011 to 2013 Associate Professor and a head of Software Engineering Department, Faculty of Science and Information Technology, Al- Zaytoonah University, Amman, Jordan; 3. 2005 to 2011 Assistant Professor and a head of Software Engineering Department, Faculty of Science and Information Technology, Al- Zaytoonah University, 			

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<p>Puplication and published book</p>	<ul style="list-style-type: none"> ● Journals: 1. Thamer A. Alrawashdeh, Mohammad I. Muhairat and Ahmad M. Althunibat. (2013). A Software Quality Model of ERP System in Higher Education Institutions. <i>European Journal of Scientific Research (EJSR)</i>, Vol. 99 Issue 1. 2. Thamer A. Alrawashdeh, Mohammad I. Muhairat and Ahmad M. Althunibat. (2013) Evaluating Quality of Software in ERP Systems Using the ISO 9126 Model. <i>International Journal of Ambient Systems and Applications (IJASA)</i>, Vol. 1 No.1. 3. Thamer A. Alrawashdeh, Mohammad I. Muhairat and Sokyna M. Alqatawnah; "FACTORS AFFECTING ACCEPTANCE OF WEB-BASED TRAINING SYSTEM: USING EXTENDED UTAUT AND STRUCTURAL EQUATION MODELING", <i>International Journal of Computer Science, Engineering and Information Technology (IJCEIT)</i>, Vol.2, No.2, April 2012. 4. Mohammad I. Muhairat, Rafa E. Al-Qutaish, <u>Belkacem Athamena</u>; " From Graphical User Interface to Domain Class Diagram: A Reverse Engineering Approach", <i>Journal of Theoretical and Applied Information Technology</i>, Vol. 24, No.1, pp 28-40, 2011. 5. Muhairat Mohammad; Saleh Aldaajeh and Rafa E. Al-Qutaish, The Impact of Global Software Development Factors on Effort Estimation Methods, <i>European Journal of Scientific Research</i>, Vol.46 No.2, pp221-232, 2010. (ISSN: 1450-216X) 6. Mohammad I. Muhairat; Rafa E. Al-Qutaish and Akram A. Abdelqader, " UML Diagrams Generator: A New Case Tool to Construct the Use-Case and Class Diagrams from an Event Table", <i>Journal of Computer Science</i>, Vol.6 No.3, pp253-260, 2010. (ISSN: 1549-3636) 7. Basil Al-Kasasbeh; Rafa Al-Qutaish and Mohammad Muhairat; " Innovative Algorithms for the Header Processing Transition from IPv4 to IPv6 and Vice

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8. Muzhir SH.Al-Ani; Basil M.Al-Kasasbeh; Rafa E. Al-Qutaish and **Mohammad I.Muhairat**; "**Constructing a New Communication System by Integrating the GSM to the Satellites Infrastructure**", *WSEAS Transactions on Communications*, Vol. 8, No. 2, **2009**, pp217-226. (ISSN: 1109-2742)
9. Ahmad H.Omari; Basil M.Al-Kasasbeh; Rafa E. Al-Qutaish and **Mohammad I.Muhairat**; "**DEA-RTA: A Dynamic Encryption Algorithm for the Real-Time Applications**", *International Journal of Computers*, Vol. 3, No. 1, **2009**, pp. 191-199. (ISSN: 1998-4480)
10. Belkacem Athamena; Zina Houhamdi and **Mohammed Muhairat**; "**Fault Detection and Isolation in Dynamic Systems using Statistical Local Approach and Hybrid Least Squares Algorithm**". Vol (4), No(12), pp: 977-986, American Journal of Applied Sciences. **2007**.

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2. Rafa E.Al-Qutaish, **Mohammad I. Muhairat**, and Basil M.Al-Kasasbeh; "**The Analytical Hierarchy Process as a tool to Select Open Source Software**", in proceedings of the *8th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems - (SEPADS'09)*, February 21-23, **2009**, University of Cambridge, Cambridge, UK.
3. Basil M.Al-Kasasbeh; Rafa E.Al-Qutaish and **Mohammad I.Muhairat**; "**Utilizing Satellite Systems for Mobile Communications: An Emerging Approach**", in *Proceedings of the 8th International Conference on Electronics, Hardware, Wireless and Optical Communications (EHAC'09)*, February 21-23, University of Cambridge, Cambridge, UK, **2009**, pp. 39-44. (ISBN: 978-960-474-053-6)
4. Khaled M. Mustafa; Rafa E. Al-Qutaish and **Muhairat Mohammad**; "**Classification of Software Testing Tools Based on the Software Testing Methods**", the *2nd International conference on Computer and Electrical Engineering (ICCEE'09)*, Vol. 1, pp229-233, 28-30 Dec, **2009**.

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1. V.M levykin, MV. Yevlanov, **Mohammad Muhirat.**" **Conception of Construction of a Case – System for the Development of the Data Control Systems** "// ACS and automatics instruments -**2001**- Issue 114.P 55-59.
2. G .F Krivula ,**Mohammad Muhairat** " **The Problems of DDB Design for Corporate Information System**" // Data control Systems for the railway transport – **2000**-No 4.P.9-12
3. **Mohammed Muhairat**, V.M Levyken V.N Borysenko " **Therory - & Category Modeling of the Processes of Computer - Aided design of the DDB, for corporate Information Controle Systems** " // ACS and automatics instrumatics - **2000** – Issue 111-p156-162>
4. **Mohammad Muhairat** , L.V Pavlenko , V.P Avramenko " **Heristice Programming of the Logical Structure of the DDB of the Corporate Information System** "// Vestink of the Khariv state Polytechnic University -**2000**- No 108- P 17- 26.
5. **Mohammad Muhairat** " **Vulnerability of the Information Systems in TCP / IP Stack** "/ Thesis of the paper for international conference " Theory and technique of data transfer , acquisition and Processing " (" New information technologies") –Kharkov: KhTUREture ,**2000**.P.17-19.