

الإسم : د. محمد ابراهيم المهيرات



بريد المدرس الإلكتروني	drmohairat @zuj.edu.jo
هاتف المدرس	0777316338
رقم الفاكس	962-6-4291432
الكلية	كلية العلوم وتقنولوجيا المعلومات
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الرتبة الأكاديمية	أستاذ مشارك
تاريخ الحصول عليها	2011
التخصص	نظم تحكم محوسبة وتقنولوجيا المعلومات
الإهتمامات البحثية	احتياجات البرمجيات ، تصميم البرمجيات ، الاليات وطرق تطوير البرمجيات، شبكات الحاسوب، قواعد البيانات.
درجة الدكتوراه او الماجستير	العام البلد الجامعة
	دكتوراه خاركوف الوطنية للاتصالات اوكرانيا 2002
الخبرة	1997-2002 باحث في مختبرات جامعة خاركوف الوطنية للاتصالات. 2002-2005 استاذ مساعد في قسم الحاسوب -جامعة الزيتونة الأردنية 2005-2011 استاذ مساعد ورئيس قسم هندسة البرمجيات - جامعة الزيتونة الأردنية 2011-2013 استاذ مشارك ورئيس قسم هندسة البرمجيات -جامعة الزيتونة الأردنية 2013- حتى الان استاذ مشارك، نائب العميد ورئيس قسم هندسة البرمجيات -جامعة الزيتونة الأردنية

• Journals:	الأبحاث المنشورة والكتب المؤلفة
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.	
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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", International Journal of Computer Science, Engineering and Information Technology (IJCSEIT), Vol.2, No.2, April 2012 .	
4. Mohammad I. Muhairat , Rafa E. Al-Qutaish, Belkacem Athamena; " <u>From Graphical User Interface to Domain Class Diagram: A Reverse Engineering Approach</u> ", Journal of Theoretical and Applied Information Technology, 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 , European Journal of Scientific Research, Vol.46 No.2, pp 221-232, 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, pp 253-260, 2010 . (ISSN: 1549-3636)	
7. Basil Al-Kasasbeh; Rafa Al-Qutaish and	

<p>Mohammad I. Muhairat; "Innovative Algorithms for the Header Processing Transition from IPv4 to IPv6 and Vice Versa", <i>The International Arab Journal of Information Technology</i>, Vol. 7, No. 3, July 2010. (ISSN: 1683-3198)</p> <p>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", <i>WSEAS Transactions on Communications</i>, Vol. 8, No. 2, 2009, pp217-226. (ISSN: 1109-2742)</p> <p>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", <i>International Journal of Computers</i>, Vol. 3, No. 1, 2009, pp. 191-199. (ISSN: 1998-4480)</p> <p>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.</p>	
<ul style="list-style-type: none"> ● Conferences: <ol style="list-style-type: none"> 1. Mohammad I. Muhairat and Rafa, E. Al-Qutaish; "An Approach to Derive the Use Case Diagrams from an Event Table", 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. 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 <i>Proceedings of the</i> 	

<p><i>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)</i></p> <p>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. Dubai.</p> <p>5. Ahmad H. Al-Omari; Basil M. Al-Kasasbeh; Rafa E. Al-Qutaish and Mohammad I. Muhairat; "A New Cryptographic Algorithm for the Real Time Software Applications", in proceedings of the 7th WSEAS International Conference on Information Security and Privacy - (ISP'08), December 29-31, 2008, Cairo, Egypt.</p> <p>• Thesis Publication & Conferences</p> <ol style="list-style-type: none"> 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 Muhirat " 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 " Theory - & 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 	
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conference " Theory and technique of data transfer , acquisition and Processing " (" New information technologies") –Kharkov: KhTUREture ,**2000**.P.17-19.