Al-Al Bayt University
Prince Hussein bin Abdullah Faculty of Information Technology
Computer Science

Faculty Vitae

Name
Khaled Mohammed Abdel-Rahman Batiha

Degree	Discipline	Institution	Year
Doctor of Philosophy	Automatic control systems (Nonlinear Systems)	Vinnytsia National Technical University	1996
Bachelor of Science	Electricity Engineering	Belarusian National Technical University	1990

Academic Experience

Rank	Institution	Title	Duration
Associate Professor	Al al-Bayt University	Head of Computer Science Department	2013-2014
Associate Professor	Al al-Bayt University	Vice Dean	2012-2013
Associate Professor	Al al-Bayt University	Dean's Assistant	1/10/2010 – 1/10/2012
Associate Professor	Al al-Bayt University	Head of Information system Department	1/10/2009-1/10/2010
Associate Professor	Irbid National University	Dean of Faculty of Sciences and Information Technology	1/10/2006–1/10/2008.
Associate Professor	Irbid National University	Dean of Faculty of Nursing	1/10/2007–1/10/2008
Assistant Professor	Irbid National University	Head of Computer Science Department	1/10/2003–1/10/2006

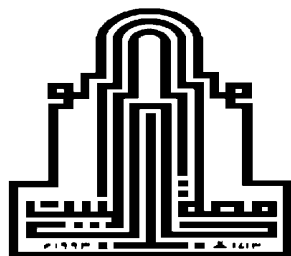Certification/ Professional Registration

Jordanian Engineers Association

Current Membership in Professional Organizations
1. Graduate Studies Committee
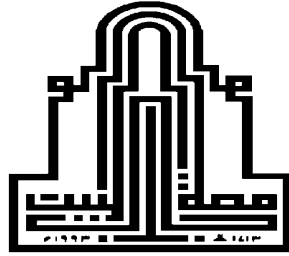2. The Study Plan Committee

Recent Publications
1. Khaled Batiha, Sergea Ukhimchuk ,**Determination of stability region of precision of information value , working in auto-oscillation mode**, VPI Gerald, Ukraine 1994.
2. Khaled Batiha, Sergea Ukhimchuk , **Generalization of Harmonically Linearization method for**

investigation of nonlin- ear systems with variable parameters, Journal of News of High Education, Russia 1994.

3. Khaled Batiha**,** Al- Salaimeh, **Business process Simulation with Algebra Event regular Expression**, Information Technology Journal, 2006.

4. Khaled Batiha**,** Al- Salaimeh **, E-learning**,   Leonardo Electronic Journal of Practices and Technologies, 2006.

5. Khaled Batiha **,** K. Besoul, and S. Al-Salaimeh **,Digital Art and Design**, Leonardo Journal of Sciences, 2006.

6. Khaled Batiha, **Numerical solution of the multispecies predator- prey model by variational iteration method**, Journal of Computer Sciences, 2007

7. Khaled Batiha, **Approximate Analytical Solution for Time-Dependent Emden-Fowler-Type Equations by Variational Iteration Method**, American Journal of Applied Sciences, 2007.

8. Khaled Batiha, **Numerical Solution of Sine-Gordon Equation by Variational Iteration Method**, Journal of Computer Sciences, 2007.

9. Khaled Batiha and Belal Batiha, **A New Algorithm for Solving Linear Ordinary Differential Equations**, World Applied Sciences Journal 15 (12): 1774-1779, 2011.

10. Safwan Al Salaimeh, Khaldoun Besoul, Khaled Batiha, **Combined Method of Routing Multimedia Data in Computer Networks**, International Journal of Advanced Research in Computer Science, Volume 2, No. 5, Sept-Oct 2011.

11. Khaled Batiha, Belal Batiha, **A Reliable Algorithm For Solving Cauchy-Euler Differential Equation**, Australian Journal of Basic and Applied Sciences, 5(11): 2161-2169, 2011.

12. Khaled Batiha and Belal Batiha, **The Variational Iteration Method for Solving Nonlinear Oscillators**, Applied Mathematical Sciences, Vol. 6, 2012, no. 36, 1771 – 1777

13. Khaled Batiha and Zeinab M. Olimat, **Developing Clustering Based on Genetic Algorithm for Global Optimization**, Research Journal of Applied Sciences, Engineering and Technology 11(3): 336-342, 2015.

14. Khaled Batiha, **Development of Mathematical Models to Estimate Optimum Capacity Assignment Network Connections**, International Journal of Computer Applications (0975 – 8887) Volume 129 – No.16, November2015

15. Khaled Batiha, Safwan Al Salaimeh, **Development Sustainable Algorithm Optimal Resource Allocation in Information Logistics Systems**, International Journal of Computer Applications (0975 – 8887) Volume 137 – No.14, March 2016

16. Khaled Batiha and Khaldoun Batiha,**The Development of Mathematical Modeling for Solving Problem of Assessment of the Stability of Nonlinear Systems with Slowly Changing**

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Parameters, Research Journal of Applied Sciences, Engineering and Technology 12(6): 638-641, 2016.

17. Khaled Batiha, **Development of mathematical models for calculating capacity network links, and minimizing the cost of the structure and $\overline{T}_{gc} \leq T_{gc3}$ for arbitrary laws of distribution of service time** , Journal of Information Engineering and Applications, Vol.6, No.6, 2016.

18. Khaled Batiha, Mohammed O. Alshroqe**, Enhancing the Performance of Intrusion Detection System by Minimizing the False Alarm Detection Using Fuzzy Logic**, World of Computer Science and Information Technology Journal (WCSIT) Vol. 6, No. 3, 21-26, 2016.