

# CURRICULUM VITAE

## **Dr. Mohammed A. Al-Zoube**

*Department of Computer Graphic /King Hussein Faculty for Computing,*

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### **1. Education**

- Ph.D. (Computer Science) 2002, Malaysia University of Science, Penang, Malaysia
- M.Sc. (Electrical Engineering) 1994, Jordan University of Science and Technology, Irbid, Jordan
- B.Sc. (Electrical Engineering) 1990, Jordan University of Science and Technology, Irbid, Jordan

### **2. Ph.D. Dissertation**

*A new Scalable and Efficient Wavelet-based Image Codec for Multimedia Applications, Malaysia University of Science, Penang, Malaysia*

### **3. Employment**

#### **Academic Positions**

- Associate Professor, Department of Computer Graphics, Princess Sumaya University for Technology, Jordan, 2013 – now
- Assistant Professor, Department of Computer Graphics, Princess Sumaya University for Technology, Jordan, 2006 – 2013
- Assistant Professor, Department of Computer Science, Princess Sumaya University for Technology, Jordan, September 21, 2003 – September 20, 2006
- Assistant Professor, Department of Computer Science, Philadelphia University, Jordan, September 1, 2002– September 1, 2003
- Instructor, British Malaysian Institute, Kuala Lumpur, Malaysia, May 1, 1996 – May 1, 1998.

### **Administrative Positions**

- Chairman of Computer Graphics Department, King Hussein Faculty for Computing, Princess Sumaya University for Technology, Amman, Jordan- September, 2009- September, 2010.

### **4. Research Interests (major fields of research, and related fields)**

- Computer Graphics and Computer Vision

### **5. Membership in Scientific Societies and Associations**

- Member of Editorial Board of the International Journal of Multimedia and Its Applications
- Member of Jordan Engineers Association

### **9. Teaching Experience**

- Computer Graphics
- Multimedia Systems
- 3D Animation
- Mathematics for Computer Graphics
- Visual Programming
- Website design and web Graphics

### **10. Publications**

#### **Refereed Journals:**

1. Al-Zoube, Mohammed A., and Yazan A. Alqudah. "MOBILE CLOUD COMPUTING FRAMEWORK FOR PATIENTS' HEALTH DATA ANALYSIS." *Biomedical Engineering: Applications, Basis and Communications*, Vol. 26, No. 2 (2014).
2. M. A. Al-Zoube "Using MPQF for Querying MPEG-7 RDF Descriptions", *International Journal of Multimedia and Its Applications*, Vol 4, No 3, pp. 29-44, 2012.
3. M .A. Al-Zoube and Alaa' Al-Zoubi "Querying Relational MPEG-7 Image Database with MPEG Query Format", *International Journal of Multimedia and Ubiquitous Engineering*, Vol 6, No 4, pp. 29-44, 2011.
4. Alaa' Al-Zoubi and M. A. Al-Zoubi "Automatic Mapping of MPEG-7 Descriptions to Relational Batabase", *The International Arab Journal of Information Technology*. Vol. 9, No. 6, pp. 578-587, November 2012.
5. Al-Zoube, Mohammed, Samir Abou El-Seoud, and Mudasser F. Wyne. "Cloud Computing based E-learning system." *International Journal of Distance Education Technologies (IJDET)* 8.2 (2010): 58-71.

6. M. A. Al-Zoube and Baha Khasawneh, "A Data Mashup for Dynamic Composition of Adaptive Courses", *The International Arab Journal of Information Technology*, Vol. 7, No. 2, pp. 192-198, April 2010.
7. Al-Zoube, Mohammed. "E-Learning on the Cloud." *Int. Arab J. e-Technol.* 1.2 (2009): 58-64.
8. M. Ibbini and M. Al-Zoube "Optimal LQ Regulator with H-Infinity Performance Bound and Prescribed Eigenvalues" *Control-Theory and Advanced Technology*, Vol. 10, No. 4, Part 4, 1995.

### **Conferences:**

1. M. A. Al-Zoube and Samir El-Seoud, "Using Social Networking Sites as a Platform for e-Learning", Proceedings of ICL 2009, pp. 193-199, Austria.
2. Al-Zoubi, M. and Subramanian, R. K. "An efficient scalable image coding for multimedia applications". *Asian International mobile computing conference*, pp 64-72, Malaysia 2000. (ACM SIGMOBILE)
3. Al-Zoubi, M. and Subramanian, R. K. "Low complexity high performance image coding with hybrid embedded blocks and trees", *National conference on telecommunication technology* pp. D61-D63, Malaysia 2000.
4. Ibbini, M.S. ; Al-Zoubi, M.A. "Robust Pole Assignment: Conventional and Entropy/H-Infinity Approaches" IEEE International Symposium on Circuits and Systems, *ICSCS'96*, Page(s): 280- 283 vol.3, Atlanta , GA, 1996.
5. Ibbini, M.S. ; Al-Zoubi, M.A. "Robust Pole Assignment: Conventional and Entropy/H-Infinity Approaches Electronics, Proceedings of the Third IEEE International Conference on Circuits, and Systems, *ICECS '96*, Page(s): 487-492 , Rodos, 1996.
6. M. Ibbini and M. Al-Zoubi "Optimal LQ Regulator with Reduced Sensitivity and Prescribed Eigenvalues" *ICECAS'94*, Cairo, Egypt.

### **Book Chapters:**

1. Mohammed Al-Zoube and Mudasser F. Wyne, "Building Integrated E-Learning Environment Using Cloud Services and Social Networking Sites" *Intelligent Learning Systems and Advancements in Computer-Aided Instruction: Emerging Studies*, IGI Global, Chapter 13, pp. 216-235, 2012.