



أولاً: البيانات الشخصية

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ثانياً: المؤهلات العلمية

الدرجة	سنة التخرج	اسم الجامعة	البلد	التخصص
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رابعاً: البحوث والأنشطة العلمية

Publications

Papers:

- 1 Digital Vehicle Speed Meter, Al Rafideen Engineering Journal, Vol. 5 No. 1, 1980.
- 2 Digital Planimeter, Engineering and Technology Journal, Vol. 1 No. 2, 1983.
- 3 Simulated Performance of Z-Buffer for 3D Graphics, Al Rafideen Engineering Journal, Vol. 8 No. 2, 2000.
- 4 Fuzzy PID Control for Positioning Plants with Uncertain Parameters Variation, 2nd IEEE International Conference on Information & Communication, Damascus (ICTTA'06), 2006.
- 5 Quad – tree Fractal Image Compression, Al Rafideen Engineering Journal, Vol. 14 No. 4, 2006.
- 6 Design and Implementation of an Analogue Isolation Circuit for Industrial Applications, the 6th International Philadelphia Engineering Conference on: Computational Aspect and their Applications in Electrical Engineering Amman - Jordan IPEC, CATAEE 19-21 Sept., 2006.
- 7 A Comparison of some Fractal Geometry Techniques, Iraqi Journal for Statistical Science , Vol. 7 No. 12 , 2007.
- 8 Position Control Using Fuzzy Logic , Al Rafideen Engineering Journal, Vol. 16 No. 1, 2008
- 9 FPGA Design and Implementation of Scan Conversion Graphical Sub-System Al Rafideen Engineering Journal, VOL. 16 NO. 4 , Oct. 2008.
- 10 Anti-Aliased DDA, Al Rafideen Engineering Journal, Vol.17 No.2 , 2009.
- 11 Performance of Hidden Surface Algorithms, 9th. Arabic Engineering Colleges Conference, Damascus - Syria , 13-14 April 2009.
- 12 Reconfigurable Self-Organizing Neural Network Design and its FPGA Implementation, Al Rafideen Engineering Journal, Vol.(17) No.(3) , June 2009.
- 13 Fuzzy Self Tuning Of Dc Position Control Based On LabView, Al Rafideen Engineering Journal, Vol. 17 No.4, 2009.
- 14 LabVIEW FPGA Implementation of a PID Controller for D.C. Motor Speed Motor, Iraq J. Electrical and Electronic Engineering Vol. (6), No. (2), 2010.
- 15 FPGA Based Implementation Of Concatenation Matrix, Al Rafideen Engineering Journal ,Vol. 18 No.2 , April 2010.

- 16 Smart Card with Iris Recognition for High Security Access Environment, MECBME' 11, First Middle East Conference on Biomedical Engineering, Feb.21-23 , 2011 .
- 17 Efficient Small Template Iris Recognition System using Wavelet Transform, International Journal of Biometric and Bio information , Vol. 5 Issue 1 Mar. – April 2011.
- 18 Artificial Intelligent Method for Tuning the Output Scaling Factor of a Fuzzy Controller, Al Rafideen Engineering Journal, VOL. (19), No.(5), October 2011.
- 19 Depth Buffer DDA Based on FPGA, Al Rafideen Engineering Journal , VOL. (19), No. (5), October 2011.
- 20 Modeling and Analysis of IXP425 Network Processor
Al Rafideen Engineering Journal , VoL.20 No.2 - March 2012.
- 21 Digital Image Enhancement Using Hybrid Fuzzy Techniques Based on LabVIEW , Al Rafideen Engineering Journal , VoL.20 No.4 , August 2012.
- 22 FPGA Implementation of a Fuzzy Control Surface
Al Rafideen Engineering Journal , VOL. (20), No. (3), June 2012.
- 23 Transformation Matrix for 3D Computer Graphics Based On FPGA
Al Rafideen Engineering Journal , VoL.20 No.4 , October 2012.
- 24 Pipeline Architecture for Clipping Straight Line Segment
Al Rafideen Engineering Journal , VoL.20 No.6 , October 2012.
- 25 FPGA Based Architecture for Vertex Processing System, 2nd Engineering Scientific Conference, College of Engineering / Mosul University, 19-20 Nov. 2013.
- 26 An Image Encryption Stream Cipher Algorithm Based on Chaos Theory , 2nd Engineering Scientific Conference, College of Engineering / Mosul University, 19-20 Nov. 2013.
- 27 Color Image Encryption Algorithm Using DNA Coding and Chaos Theory , 2nd Engineering Scientific Conference, College of Engineering / Mosul University, 19-20 Nov. 2013.
- 28 Speed Limit Road Sign Detection and Recognition System, International Journal of Computer Applications (0975 – 8887), Volume 131 – No.2, December 2015.
- 29 Execution Speed up of Image Rotation Matrix Using Parallel Technique, American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS), Volume 26, No 2, pp 1-17, (2016).
- 30 GPU Acceleration of 3D Object Transformations Using GPU, IJIEA, Vol 1 , No3, pp 123-131, 2018.
- 31 GPU Accelerated Rotation About an Arbitrary Axis, ICOASE Conference, October 9-11, 2018.

Books:

1. Smart Card with Iris Recognition System , *Concepts, Methods, Design and*
VDM Verlag Dr. Muller GmbH & Co. KG – 2011.
ISBN: 978-3-639-32955-1
Email: info 2vdm-verlag.de

خامساً: التدريب والأعمال التطوعية

المشاركة في اعمار القسم ٢٠٠٣	١
المشاركة في اعمار الموقع البديل للقسم ٢٠١٧	٢

سادساً: المؤتمرات العلمية التي شارك فيها

Date	Kind and place of participation	Address
19-21/11/2013	3 Papers – University of Mosul	Second Scientific Conference – University of Mosul
23-24/10/2013	Session Coordinator – University of Mosul	Computer Engineering conference – University of Mosul
21-23/2/2011	Paper – United Arab Emirate - Alsharqa	MECBME'11 First Middle East Conference on Biomedical Engineering
30/11-2/12/2010	Paper – College of Eng. Basra	The 1st International Conference on Energy, Power, and Control
10-13/5/2010	Scientific Training - Beirut	National Instruments one week Arabic Academic Training
13-14/4/2009	Paper - Damascus	9 th . Conference of Engineering Colleges Board in Arabic Universities
2-4/11/2008	Paper - Aleppo	IESC 2008 1 st . International Conference for Engineering Science
19-21/9/2006	Paper - Amman	IPEC 2006 Phyladilifia 6 th . International Engineering Conference
24-28/4/2006	Paper - Damascus	ICTTA06 International Conference on Information & Communication Technologies : From Theory to Applications

سابعاً: دورات تنمية قدرات أعضاء هيئة التدريس

التاريخ	أسم البرنامج التدريبي	م
1985	دورة المعالجات الدقيقة	١
١٩٨٩	دورة English technical language	٢
١٩٩٠	دورة طرائق التدريس	٣

٢٠١٠	LABVIEW دورة	٤
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رسائل الماجستير والدكتوراه التي قام بالإشراف عليها

الدكتوراه عدد ٢

الماجستير عدد ١٨

الرسائل التي تم مناقشتها

بحدود ٤٠ رسالة