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| ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر Saleem M. R. Taha |

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| ▼ الاتجاهات البحثية  * الالكترونيك الرقمي ، تصميم الانظمة الرقمية، الحوسبة العكسية و الكمومية |

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| ▼ الدرجة العلمية أستاذ |

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| ▼ الأبحاث المنشورة  * **S. M. R. Taha** and M. A. H. Abdul-Karim, “Special purpose digital system applied to peak measurements of signals,” International Conference on Digital Signal Processing, Florence, Italy, September 2-5, 1981, pp. 265-274. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “A quad slope analog-to-digital converter multiplier,” Al-muhandis Journal, no. 82, 1982, pp. 117-123. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “New analogue processor using digital circuits,” International Journal of Electronics, vol. 52, no. 5, 1982, pp. 455-461. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “VLSI circuits for a sampling digital acoustic energy meter,” IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP’82, Paris, France, May 3-5, 1982, pp. 1469-1472. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “A quad slope ADC multiplier,” International Journal of Electronics, vol. 55, no. 2, 1983, pp. 275-283. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “Implicit digital R.M.S. meter design," IEEE Transactions on Instrumentation and Measurement, vol. IM-33, no. 4, December 1984, pp. 257-258. * **S. M. R. Taha**, “Multi-purpose controllable function generator,” International Journal of Electronics, vol. 58, no. 2, 1985, pp. 307-314. * **S. M. R. Taha**, “Fast-reading DVM with real-time autocalibration,” International Journal of Electronics, vol. 58, no. 3, 1985, pp. 455-462. * F. A. Mahdi, **S. M. R. Taha** and M. A. H. Abdul-Karim, “A hybrid electronic energy meter design,” International Journal of Electronics, vol. 58, no. 5, 1985, pp. 863-866. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “Direct digital R.M.S. measuring device,” International Journal of Electronics, vol. 59, no. 2, August 1985, pp. 199-210. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “Multipurpose digital meter for the measurement of electrical quantities,” International Journal of Electronics, vol. 59, no. 2, August 1985, pp. 211-216. * **S. M. R. Taha**, A. S. Selman, Z. C. Abdul-Nabi, A. Abdul-Raheem and S. Jamil, “Triggered multi-purpose controllable function generator,” International Journal of Electronics, vol. 59, no. 5, November 1985, pp. 609-617. * **S. M. R. Taha**, “The prediction of formulae using computer programming based on linear and curvilinear regression methods,” Iraqi Conference on Engineering ICE’85, Baghdad, Iraq, December 16-19, 1985, pp. 222-226. * **S. M. R. Taha**, “Speed improvements for dual-slope A/D converters,” IEEE Transactions on Instrumentation and Measurement, vol. IM-34, no. 4, December 1985, pp. 630-635. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “A novel digital power-factor meter design,” IEEE Transactions on Instrumentation and Measurement, vol. IM-35, no. 4, December 1986, pp. 638-640. * **S. M. R. Taha** and S. S. Omran, “Microcomputer-controlled autoranging DMM with autocalibration,” International Journal of Electronics, vol. 62, no. 1, 1987, pp. 105-113. * **S. M. R. Taha** and S. S. Omran, “Microcomputer-controlled sampling capnometer,” Medical and Biological Engineering and Computing, vol. 25, March 1987, pp. 201-206. * **S. M. R. Taha**, “A precise LF frequency detector based on Taylor series,” International Journal of Electronics, vol. 62, no. 4, 1987, pp. 617-624. * M. A. H. Abdul-Karim, **S. M. R. Taha** and S. S. Omran, “Microprocessor-based implicit R.M.S. meter,” International Journal of Electronics, vol. 62, no. 6, 1987, pp. 953-959. * S. S. Omran, **S. M. R. Taha** and M. A. H. Abdul-Karim, “Microcomputer-controlled sampling digital power, RMS and P.F meter,” International Journal of Electronics, vol. 63, no. 3, 1987, pp. 455-461. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “Digital radiation meter design,” Sensors and Actuators, vol. 12, no. 4, 1987, pp. 405-413. * B. A. R. Al-Hashemy and **S. M. R. Taha**, “Voiced-Unvoiced-Silence classification of speech signals based on statistical approaches,” Applied Acoustics, vol. 25, no. 3, 1988, pp. 169-179. * K. N. Kadhim, **S. M. R. Taha** and W. A. Mahmoud, “A new method for filtering and segmentation of the ECG signal,” IEEE Engineering in Medicine and Biology Society 10th Annual International Conference, New Orleans, U.S.A., Nov. 4-7, 1988, pp.154-155. * **S. M. R. Taha**, “A novel digital capacitance meter,” International Journal of Electronics, vol. 66, no. 2, Feb. 1989, pp. 317-320. * **S. M. R. Taha**, “Digital measurement of the polar and rectangular forms of impedances,” IEEE Transactions on Instrumentation and Measurement, vol. IM-38, no. 1, Feb. 1989, pp. 59-63. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “A controllable sampling digital technique for the determination of KW and P.F. values,” Journal of Electronics and Computers Research, vol. 3, no.1, April 1989, pp. 1-13. * M. A. H. Abdul-Karim and **S. M. R. Taha**, “Universal digital power meter design,” Journal of Electronics and Computers Research, vol. 3, no.1, April 1989, pp. 33-43. * **S. M. R. Taha**, A. A. M. Al-Hakim, Z. T. R. Al-Ani and W. F. Faraj, “Computer-aided interpretation of ECG signals using polynomial regression methods,” Journal of Biomedical Engineering, vol. 11, no. 4, July 1989, pp. 329-333. * **S. M. R. Taha**, H. S. Hassan, S. A. Hammel, Q. M. Rashied and M. K. Ahmed, “Fast, simple and precise techniques for automatic ranging and calibration of meters,” Journal of Electronics and Computers Research, vol. 3, no.2, Oct. 1989, pp. 155-169. * **S. M. R. Taha** and M. A. H. Abdul-Karim, “Dual-slope voltage-to-frequency converter design,” Modelling, Simulation and Control, A, AMSE Press, vol. 29, no. 1, 1990, pp. 39-46. * **S. M. R. Taha**, S. S. Omran and M. A. H. Abdul-Karim, “Microcomputer-controlled sampling acoustic meter,” Modelling, Simulation and Control, B, AMSE Press, vol. 30, no. 4, 1990, pp. 23-29. * **S. M. R. Taha**, “Microcomputer-controlled sampling analyser for real-time diagnosis of cardiac signals,” Modelling, Simulation and Control, C, AMSE Press, vol. 21, no. 3, 1990, pp. 51-64. * **S. M. R. Taha** and B. A. R. Al-Hashemy, “Statistical algorithms applied for diagnosing abnormalities in P and T segments of the ECG signals,” Modelling, Simulation and Control, C, AMSE Press, vol. 22, no. 2, 1990, pp. 9-20. * **S. M. R. Taha**, “Impedance measurement based on Taylor series,” Modelling, Simulation and Control, A, AMSE Press, vol. 31, no. 1, 1990, pp. 1-13. * **S. M. R. Taha**, “Digital RPP measurement during anaesthesia,” Modelling, Simulation and Control, C, AMSE Press, vol. 23, no. 2, 1990, pp. 41-48. * **S. M. R. Taha**, “Digital heart rate monitor,” Modelling, Simulation and Control, C, AMSE Press, vol. 23, no. 3, 1991, pp. 53-64. * **S. M. R. Taha**, “The measurement of the polar and rectangular forms of impedances,” Modelling, Simulation and Control, A, AMSE Press, vol. 52, no. 2, 1993, pp. 47-64. * H. M. H. Al-Sudany and **S. M. R. Taha**, “A novel digital technique for the measurement of the polar and rectangular forms of impedances,” Modelling, Simulation and Control, A, AMSE Press, vol. 52, no. 3, 1993, pp. 1-13. * **S. M. R. Taha** and B. A. R. Al-Hashemy, “Computer-aided interpretation of ECG signals based on rational spline functions,” Advances in Modelling and Analysis, B, AMSE Press, vol. 29, no. 4, 1994, pp. 11-26. * **S. M. R. Taha**, “An autoranging 3 digit precision digital multimeter,” Modelling, Measurement and Control, A, AMSE Press, vol. 54, no. 4, 1994, pp. 37-50. * N. S. Kubba, **S. M. R. Taha** and S. N. Abdullah, “A novel technique for flag detection in packet switching PC networks,” Advances in Modelling and Analysis, B, AMSE Press, vol. 29, no. 4, 1994, pp. 41-48. * **S. M. R. Taha**, “Digital measurement of the mass flow rate,” Sensors and Actuators: A. Physical, vol. 45, no. 2, 1994, pp. 139-143. * **S. M. R. Taha** and A. M. J. Hassen, “Multipurpose digital meter for the measurement of electrical impedances and admittances,” Modelling, Measurement and Control, A, AMSE Press, vol. 63, no. 1, 1995, pp. 33-46. * **S. M. R. Taha** and F. Y. F. Mohammed, “Instantaneous digital phase measurement of distorted waves,” Modelling, Measurement and Control, A, AMSE Press, vol. 63, no. 1, 1995, pp. 47-53. * **S. M. R. Taha**, “Digital measurement of the logarithmic mean temperature difference,” Modelling, Measurement and Control, A, AMSE Press, vol. 66, no. 2, 1995, pp. 21-29. * T. M. H. Al-Taiey and **S. M. R. Taha**, “A high-accuracy digital phase measurement of distorted waves,” Modelling, Measurement and Control, A, AMSE Press, vol. 66, no. 3, 1995, pp. 23-32. * **S. M. R. Taha**, “A novel digital technique for producing exact sinusoidal signals,” Modelling, Measurement and Control, A, AMSE Press, vol. 71, no. 1, June 1999, pp. 11-19. * **S. M. R. Taha**, S. A. H. Abbas and D. R. Z. Al-Rawi, “Very fast UHF hybrid frequency synthesizer,” Engineering Journal, College of Engineering, University of Baghdad, vol. 5, no. 2, June 1999, pp. 175-186. * **S. M. R. Taha**, M. A. B. Mohammed Ali, B. J. Khalaf and M. J. A. Ameer, “A novel microprocessor-based function generator,” Modelling, Measurement and Control, A, AMSE Press, vol. 72, no. 1, December 1999, pp. 1-12. * F. Melgani, B. A. R. Al-Hashemy and **S. M. R. Taha**, “An explicit fuzzy supervised classification method for multispectral remote sensing images,” IEEE Transactions on Geoscience and Remote Sensing, vol. 38, no. 1, January 2000, pp. 287-295. * F. Melgani, B. A. R. Al-Hashemy and **S. M. R. Taha**, “An evaluation of the explicit fuzzy method using parametric and non-parametric approaches for supervised classification of multispectral remote sensing data,” Engineering Journal of the University of Qatar, vol. 14, December 2001, pp. 77-104. * N. K. Wafi, R. A. K. Said, **S. M. R. Taha** and T. Z. Ismaeel, “3D object recognition,” Proceedings of CATAEE 2002, the 4th International Conference on: Computational Aspects and Their Applications in Electrical Engineering, Philadelphia University, Amman, Jordan, 19-21 March 2002, pp. 386-401. * E. M. D. Al-Issawi, **S. M. R. Taha**, M. A. J. Al-Baker and W. H. Al-Naib, “Management application layer for a fieldbus control system,” Proceedings of CATAEE 2002, the 4th International Conference on: Computational Aspects and Their Applications in Electrical Engineering, Philadelphia University, Amman, Jordan, 19-21 March 2002. * S. T. Faraj, **S. M. R. Taha** and M. M. Abduljabbar, “Protocol conversion between ADLP80 and IEC870 communication protocol standards using formal methods,” Journal of Engineering, College of Engineering, University of Baghdad, vol. 8, no. 3, September 2002. * A. A. M. Al-Sudani, **S. M. R. Taha** and R. F. Chesib, “Restoring images using wavelet packet transform,” Proceedings of NC on CCCSE, the third National Conference on Computer, Communication, Control and System Engineering, University of Technology, Baghdad, Iraq, 18-19 December 2002, pp. 1-9. * W. A. Mahmoud, **S. M. R. Taha** and H. T. Hyder, “Image steganography using wavelet transform,” Proceedings of the 2nd Steganography Conference, Al-Rafidain University College, Baghdad, Iraq, 25 March 2003, pp. 72-76. * W. A. Mahmoud, D. M. Salih and **S. M. R. Taha**, “A wavelet neural network ramwork for speaker identification,” Journal of Engineering, College of Engineering, University of Baghdad, vol. 12, no. 1, March 2006, pp. 227 – 236. * S. S. Omran, **S. M. R. Taha** and A. A. Ibraheem, “Computer-aided design of algorithmic state machine,” In the 4th International Multiconference on Computer Science and Information Technology CSIT 2006, Amman, Jordan, 5 – 7 April 2006. * S. S. Omran, **S. M. R. Taha** and N. A. Awadh, “ECG rhythm analysis by using neuro-genetic algorithms,” MASAUM Journal of Basic and Applied Sciences, vol. 1, no. 3, October 2009, pp. 522 – 530. * A. M. Sana, M. N. Abbas and **S. M. R. Taha**, “ QGA based MC-CDMA detector,” International Journal of Computer Applications, vol. 77, no. 12, September 2013, pp. 6-9. * **S. M. R. Taha** and W. A. Mahmood, “New techniques for Daubechies wavelets and multiwavelets implementation using quantum computing,” International Journal of Computer Applications, vol. 77, no. 15, September 2013, pp. 7 – 11. * **S. M. R. Taha**, “New rule for eliminating garbage outputs in ternary reversible Shannon circuits,” Association for the Advancement of Modelling and Simulation Techniques in Enterprises (A.M.S.E), Advances in Modeling B, AMSE Press, vol. 56, no. 3, 2013, pp. 20 – 34. * **S. M. R. Taha** and A. K. Nawar, “A new quantum radial wavelet neural network model applied to analysis and classification of EEG signals,” International Journal of Computer Applications, vol. 85, no. 7, January 2014, pp. 7 - 11. * **S. M. R. Taha** and Z. K. Taha, “Analysis and classification of EEG signals based on a new quantum inspired wavelet neural network model,” International Journal of Computer Applications, vol. 92, no. 5, April 2014, pp. 23 – 30. * **S. M. R. Taha**, “Design of reversible programmable gate array based on new reversible logic modules,” International Journal of Computer Applications, vol. 93, no. 10, May 2014, pp. 26 – 31. * S. H. Abdulnabi and **S. M. R. Taha**, “Grover’s QSA based MC-CDMA detector,” International Journal of Computer Applications, vol. 116, no. 4, April 2015, pp. 24 – 28. * A. T. Shaheen and **S. M. R. Taha**, “Simultaneous optimization of standby and active energy for sub-threshold circuits,” International Journal of VLSI design & Communication Systems (VLSICS), vol. 7, no. 5/6, December 2016, pp. 1 – 16. * A. T. Shaheen and **S. M. R. Taha**, “Standby power analysis and minimization in dual size sub-threshold circuits,” Proceedings of 1st IJRTESS – 2017 (7th Scientific Engineering and 1st International Conference “Recent Trends in Engineering Sciences and Sustainability”), 17 – 18 May, 2017, Baghdad, Iraq, pp. 301 – 306. Organized by: College of Engineering, University of Baghdad, Iraq, with Scientific Sponsorship of IEEE represented by: IEEE Iraq Section, IEEE ComSoc Iraq chapter, and IEEE CIS Iraq chapter. * A. S. Altaher and **S. M. R. Taha**, “Personal authentication based on finger knuckle print using quantum computing,” International Journal of Biometrics, vol. 9, no. 2, 2017, pp. 129 – 142. * R. A. H. Mahdi and **S. M. R. Taha**, “Miniaturization of rectangular microstrip patch antenna using topology optimized metamaterial,” IEICE Electronics Express, vol. 14, no. 19, 10 October 2017, pp. 201707787(1-9). * A. T. Shaheen and **S. M. R. Taha**, “A proposed dual size design for energy minimization in sub-threshold circuits,” Journal of Engineering Science and Technology, vol. 13, no. 5, May 2018, pp. 1299 – 1314. * **S. M. R. Taha** and Z. K. Taha, “ EEG signals classification based on autoregressive and inherently quantum recurrent neural network,” International Journal of Computer Applications in Technology, vol. 58, no. 4, 2018, pp. 340 – 351. * **S. M. R. Taha**, “Reversible logic synthesis based on Shannon and Davio decision diagrams,” Journal of Digital Integrated Circuits in Electrical Devices, vol. 5, no. 3, September-December, 2020, pp. 1 – 8. |

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| ▼ الكتب والمؤلفات  * **S. M. R. Taha**, “Reversible Logic Synthesis Methodologies with Application to Quantum Computing,” Springer International Publishing Switzerland, 2016. |

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| ▼ رسائل الماجستير الذي اشرف عليها  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **السنة** | **القسم و الجامعة** | **اسم الطالب** | **عنوان الرسالة** | **ت** | | **1988** | **قسم الهندسة الكهربائية / جامعة بغداد** | **كـاظـم نـور كـاظـم** | **Real-Time Diagnostics of ECG Signals** | **1** | | **1989** | **قسم الهندسة الكهربائية / جامعة بغداد** | **نـغـم صـبـيـح كـبـة** | **Microprocessor Based Packet Switching Data Communication System** | **2** | | **1990** | **قسم الهندسة الكهربائية / جامعة بغداد** | **مـصـدق سـلـيـمـان يـونـس** | **Synthesis of Arbitrary Complex Waveforms** | **3** | | **1990** | **قسم الهندسة الكهربائية / جامعة بغداد** | **حـيـدر مـهـدي جـعـفـر** | **Design of a Protocol Analyzer** | **4** | | **1992** | **قسم الهندسة الكهربائية / جامعة بغداد** | **ولـيـد إيـشـو وردة** | **A Microcomputer Controlled Vector Signal Analysis** | **5** | | **1992** | **قسم الهندسة الكهربائية / جامعة بغداد** | **طـارق زيـاد إسمـاعـيـل** | **A Microcomputer Based Voice Controlled Telephone Dialer** | **6** | | **1993** | **قسم الهندسة الكهربائية / جامعة بغداد** | **تـغـريـد مـحـمـد عـلـي عـبـد الـوهـاب** | **Computer-Aided Design and**  **Analysis of Digital State Machines** | **7** | | **1994** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـبـد الـحـمـيـد خـالـد داود** | **Applications of Neural Networks in Robotics** | **8** | | **1995** | **قسم الهندسة النووية / جامعة بغداد** | **حـيـدر مـحـسـن عـبـد الـوهـاب** | **Design of Fault-Tolerant Multi-Personal Computer System** | **9** | | **1995** | **قسم الهندسة النووية / جامعة بغداد** | **ثـائـر مـجـيـد حـسـن** | **Automatic Reconfiguration in a Distributed Control System for an Accelerator** | **10** | | **1995** | **قسم الهندسة الكهربائية / جامعة بغداد** | **يـوسـف عـامـر يـوسـف** | **Optical Character Recognition of Postal Addresses** | **11** | | **1996** | **قسم الهندسة الكهربائية / جامعة بغداد** | **زيـد سـلـيـم عـلـي** | **Neural Networks for ECG Analysis** | **12** | | **1996** | **قسم الهندسة الكهربائية / جامعة بغداد** | **حـسـنـيـن عـلـي حـمـود** | **Design of a Control System of a D.C. Drive for Robot Application** | **13** | | **1996** | **قسم الهندسة الكهربائية / جامعة بغداد** | **مـحـمـد جـواد عـبـد الامير** | **Design and Implementation of Computer Vision Interface for Industrial Applications** | **14** | | **1997** | **قسم الهندسة الكهربائية / جامعة بغداد** | **ظـافـر رافـع زغـيـر** | **Design of Fast VHF Frequency Synthesizer for Data Communication** | **15** | | **1997** | **قسم الهندسة الكهربائية / جامعة بغداد** | **فـراس مـحـمـد عـلـي جـواد** | **Design and Implementation of Broadband RF Power Amplifiers** | **16** | | **1998** | **قسم الهندسة الكهربائية / جامعة بغداد** | **مـثـنـى حـاجـم حـمـد** | **Dual Redundant Ethernet in a Distributed Control Environment** | **17** | | **1998** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـلـي طـالـب جاسـم** | **Availability Enhancement in a Functionally Distributed Units** | **18** | | **1998** | **قسم الهندسة الكهربائية / جامعة بغداد** | **سـؤدد عـبـد الـحـسـن مـحـمـد** | **Implementation of Advanced**  **Control Techniques on a VME System** | **19** | | **1999** | **قسم الهندسة الكهربائية / جامعة بغداد** | **فـريـد إبـراهـيـم مـلقـانـي** | **Multispectral Remote Sensing**  **Image Classification Using The Explicit Fuzzy and Neural Networks Methods** | **20** | | **1999** | **قسم الهندسة النووية / جامعة بغداد** | **شـيـمـاء علاء إلـديـن مـهـدي** | **Software Design of μP-Based**  **Control System and Evaluation by Simulation** | **21** | | **2000** | **قسم الهندسة الكهربائية / جامعة بغداد** | **أحـمـد طه عـبـد الـسـادة** | **Estimation of The Maximum Range for Target Recognition** | **22** | | **2000** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـدي عـبـد الـحـسـيـن مـحـمـد** | **Auto-Focus Control System Based**  **on Fuzzy Logic for Video Cameras (Zooming)** | **23** | | **2000** | **قسم الهندسة الكهربائية / جامعة بغداد** | **أحـمـد صـبـاح عـبـد الـكـريـم** | **An Explicit Fuzzy-Neural Network Method for Classification of Remote Sensing Data** | **24** | | **2000** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـدي نـضـال أمـيـن** | **Design and Implementation of Real-Time Image Processing Using TMS320C25 Processor** | **25** | | **2001** | **قسم الهندسة الكهربائية / جامعة بغداد** | **إيـهـاب مـحـمـد داخـل** | **Management Application Layer for Fieldbus Control System** | **26** | | **2001** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـقـيـل عـبـد الـعـزيـز مـحـمـد** | **Process Data Interchange in Scada System** | **27** | | **2001** | **قسم الهندسة الكهربائية / جامعة بغداد** | **صـادق حـبـيـب عـبـد الحـسـيـن** | **Design and Implementation of a Supervisory Control and Data Acquisition System for a Telecommunication Network** | **28** | | **2002** | **قسم الهندسة الكهربائية / جامعة بغداد** | **رعـد فــرهـود جـسـب** | **Image Restoration Using Wavelet Packet Transform** | **29** | | **2002** | **قسم الهندسة الكهربائية / جامعة بغداد** | **مـصـطـفـى مـحـمـد عـبـد الـجـبـار** | **Protocol Conversion Between ADLP80 and IEC870 Communication Protocol Standards Using Formal Methods** | **30** | | **2002** | **قسم الهندسة الكهربائية / جامعة بغداد** | **أحـمـد سـتـار هـادي** | **Direction of Arrival Using PCA**  **Neural Network** | **31** | | **2002** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـمـار عـادل حـسـن** | **Design and Software**  **Implementation of a Digital Down Converter Using FPGA** | **32** | | **2003** | **قسم الهندسة الكهربائية / جامعة بغداد** | **حـيـدر طـارش حـيـدر** | **Still Images Steganography Using Wavelet Transform** | **33** | | **2003** | **قسم الهندسة الكهربائية / جامعة بغداد** | **ضـيـاء الـديـن مـحـمـد صـالـح** | **Speaker Identification Using Wavelet Network** | **34** | | **2005** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـلاء عـبـد الأمـيـر حـسـن** | **Fuzzy-Based Controller for a Cardiac Pacemaker** | **35** | | **2005** | **قسم الهندسة الكهربائية / جامعة بغداد** | **زكـريـا رجـب مـحـمـد** | **Multi Technique Face Recognition Using PCA/ICA With Wavelet and Optical Flow** | **36** | | **2006** | **كـلـيـة تـقـنـيـات الـهـنـدسـة الـكـهـربائـيـة و الإلـكـتـرونـيـة** | **أحـمـد عـامـر إبـراهـيـم** | **Computer Aided Design and**  **Analysis of Algorithmic State Machines** | **37** | | **2006** | **قسم الهندسة الكهربائية / جامعة بغداد** | **صـادق فـرحـان عـطـيـة** | **Walidlet-Based Image Compression** | **38** | | **2007** | **قسم الهندسة الكهربائية / جامعة بغداد** | **نـصـيـر عـبـد الـسـيد** | **Image Fusion Using Walidlet Transform** | **39** | | **2007** | **قسم الهندسة الكهربائية / جامعة بغداد** | **أسـمـاء طـه سـعـدون** | **Three-Dimensional Synthesis of Ternary Reversible Lattice Logic Circuits** | **40** | | **2008** | **كـلـيـة تـقـنـيـات الـهـنـدسـة الـكـهـربائـيـة و الإلـكـتـرونـيـة** | **نـصـر عـلـي عـوض** | **Genetic Algorithms for ECG Analysis** | **41** | | **2008** | **قسم الهندسة الكهربائية / جامعة بغداد** | **حـيـدر حـكـمـت سـلـمان** | **The Implementation of Petri Nets**  **to The Modeling, Analysis and Control** | **42** | | **2012** | **قسم الهندسة الكهربائية / جامعة بغداد** | **زهـراء خـضـيـر طـه** | **Quantum Neural Network Model with Wavelet Theory** | **43** | | **2013** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـبـاس خـلـيـفـة نـوار** | **EEG Classification Using Quantum Radial Wavelet Neural Network Model** | **44** | | **2013** | **قسم الهندسة الكهربائية / جامعة بغداد** | **أحـمـد مـحـمـد سـنـاء ضـيـاء** | **Signal Detection in MIMO-OFDM Systems Based on Quantum Genetic Algorithms Radial Basis Function** | **45** | | **2015** | **قسم الهندسة الكهربائية / جامعة بغداد** | **سـيـف حـسـن عـبـد الـنـبـي** | **Signal Detection for MIMO-OFDM Systems Based on Grover’s Quantum Search** | **46** | | **2015** | **قسم الهندسة الكهربائية / جامعة بغداد** | **عـلـي سـالـم عـبـد الـمـجـيـد** | **Personal Authentication Based on Finger Knuckle Print** | **47** | |

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| ▼ اطاريح الدكتوراه الذي اشرف عليها  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **السنة** | **القسم و الجامعة** | **اسم الطالب** | **عنوان الاطروحة** | **ت** | | **2001** | **قسم الهندسة الكهربائية / جامعة بغداد** | **طارق زياد اسماعيل** | **Real-Time Detection and Recognition**  **of 3D Objects** | **1** | | **2017** | **قسم الهندسة الكهربائية / جامعة بغداد** | **علي طويج شاهين** | **Power Minimization in Integrated**  **Circuit Design** | **2** | | **2018** | **قسم الهندسة الكهربائية / جامعة بغداد** | **رياض عبد الحسين مهدي** | **Optimization Strategy to Design Metamaterials for RF and Microwave Circuit Applications** | **3** | |