





Curriculum –Vitae of Dr. Al Smadi Takialddin

Personal Information

	Birthday : 31st may 1975
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Academic Degrees

<i>Educational Qualification/Certificate</i>	
B.Sc	Degree: Electronics & microelectronics engineering Institution: Moscow Power Engineering Institute (Technical University) Country: Russia Date: 1995/1999 Grade: Very Good Title (if applicable): Differential pulse to code modulator and demodulator
M.Sc	Degree: Electrical And Computer engineering Institution: Kazan State Technological University. Country: Russia Date: 1999-2000 Specialty: The atomized data processing & monitoring systems. Title (if applicable) "Development of the digital system of transmission of continuous messages".
PhD	Degree: Electrical and control Engineering Institution: Kazan State Technological University. Country: Russia Date: 2000-200

- Assi . Prof. on 2006
- Associate Professor on 2014

➤ Full Professor on: 2018



Positions

Associate Professor Communication & Electronics Department, Faculty of Engineering, Jerash University, Jordan, 6- College of Eng.

Dean Assist, For scientific affairs and postgraduate studies on 9-11-2010.

ADMEN EXPERIENCES

- Head of Computer Science Department Jerash University 2008 -Now
- Head of Department of communication and electronics. Faculty of Engineering 2011-present
- Director of quality and accreditation in Engineering College 2011- 2014

-Articles

Journal Publications

-**Prof-Takialddin al Smadi**, Mohammed Al-Maitah: ARTIFICIAL INTELLIGENT TECHNOLOGY FOR SAFE DRIVER ASSISTANCE SYSTEM. International Journal of Computer Aided Engineering and Technology 02/2019;, DOI:10.1504/IJCAET.2020.10014759

-**Prof-Takialddin al Smadi**, Kalid Al Smadi: Overview of Model Free Adaptive (MFA) Control Technology. International Journal of Artificial Intelligence 12/2018; 7(4):165-69., DOI:10.11591/ij-ai.v7.i4.pp%25p

-Hussein Al-Ofeishat, Esam Trad, **Prof-Takialddin al Smadi**: Proactive algorithm dynamic mobile structure of Routing protocols of ad hoc networks.

-**Takialddin Al Smadi**: Modern Technology for Image processing and Computer vision -A Review. 05/2018; 1(2):17-23., DOI:10.32441/jaset.v1i2.178

-**Takialddin Al Smadi**, Ayman Al Sawalha: Engineering Technologies Microstrip Patch Antenna Radiation Variation of Quality Factors and Bandwidth of a Conically Depressed. International Journal of Earth Sciences and Engineering 04/2018; 1(1)., DOI:10.32441/jaset.v1i1.53



- Prof-Takialddin al Smadi:** Automatic detection technique for voice quality inter-disciplinary methodologies. 04/2018; 1(1):1-6., DOI:10.32441/jaset.v1i1.54
- Kalid Al Smadi, **Takialddin Al Smadi:** Automatic System Recognition of License Plates using Neural Networks. International Journal of Engineering and Manufacturing 07/2017; 7(4):26-35., DOI:10.5815/ijem.2017.04.03
- Takialddin AL Smadi:** High-Speed Small-Purpose Parallel Hybrid Architecture of Summator for Calculation Back 3x in Eighth Coding. Eastern European Economics 07/2017; 3:19-31., DOI:10.12851/EESJ201703
- Takialddin AL Smadi, Khalid A. Al Smadi, Orayb O. Al-Smadi:** Optimization of multiprocessors memory system performance instruction level parallelism.
- Takialddin AL Smadi:** Pedestrian Crossings Detection by using Driving Assistance Systems. 01/2017; 9(2016):17-21., DOI:10.22385/jctecs.v9i0.127
- Al Smadi Takialddin, Kalid Al Smadi, Orayb O Al-Smadi: High-Speed for Data Transmission in GSM Networks Based on Cognitive Radio. 01/2017; 10(1):69.77., DOI:10.3844/ajeassp.2017.69.77
- Yahya S. H. Khraisat, Huthaifa A. Al-Issa, **Al Smadi Takialddin**, Taqwa Al-Khasawneh: Design tunable filter-antennas for cognitive radio applications. Contemporary Engineering Sciences 01/2017; 10:233-242., DOI:10.12988/ces.2017.69151
- Takialddin AL Smadi, Igried Al-Khawaldeh, Kalid Al Smadi:** Three-Dimensional Scenes Restore Using Digital Image. Journal of Signal and Information Processing 01/2017; 8(01):1-8., DOI:10.4236/jsip.2017.81001
- Takialddin AL Smadi, Farouq M. Al Taweel, Al-Khawaldeh Igried:** Estimation and Design Techniques for Adaptive Delta Modulation Using Otas. DOI:10.11648/j.ajset.20160102.15
- Takialddin AL Smadi, Al-Khawaldeh Igried:** Risk and Vulnerability Analyses for the protection of Information for Future communication security Based Neural Networks.
- Takialddin AL Smadi, Huthaifa A. Al Issa, Esam Trad, Khalid A. Al Smadi:** Artificial Intelligence for Speech Recognition Based on Neural Networks. Journal of Signal and Information Processing 01/2015; 06(02):66-72., DOI:10.4236/jsip.2015.62006
- Ali, H., Qawaqzeh, M. Z., Abbas, M., & **Al Smadi, T.** (2015). Implementation & Comparative Analysis of 10, 18 & 24 Level Diode Clamped Inverters Using "Trust Region Dog Leg" Method. *Circuits and Systems*, 6(03), 70. DOI:10.4236/cs.2015.63008
- Mohammed Al-Maitah, **Takialddin A. Al Smadi, Hani Qasem Rashrash Al-Zoubi:** Scalable user Interface. Research Journal of Applied Sciences, Engineering and Technology 04/2014; 7(16):3273-3279., DOI:10.19026/rjaset.7.671
- Takialddin AL Smadi:** Real-Time Lane Detection for Driver Assistance System. Circuits and Systems 01/2014; 05(08):201-207., DOI:10.4236/cs.2014.58022



- Takialddin A. Al Smadi**, Mohammed Maitah: An Efficiency and Algorithm Detection for Stenography in Digital Symbols. 11/2013; 6(1):34-38., DOI:10.5815/ijcnis.2014.01.05
- Takialddin A. Al Smadi**: Design and Implementation of Double Base Integer Encoder of Term Metrical to Direct Binary. Journal of Signal and Information Processing 01/2013; 04(04):370-374., DOI:10.4236/jsip.2013.44047
- Takialddin A. Al Smadi**: Computer application using low cost smart sensor. International Journal of Computer Aided Engineering and Technology 01/2012; 4(6):567 - 579., DOI:10.1504/IJCAET.2012.049572
- T.A. Al-Smadi, H. Al-Wahshat: System identification of the logical object and logical acupuncture.
- Mohammad Awad Momani, **Takialddin A Al Smadi**, Farouq M Al Taweel, Khaldoon A Ghaidan: GPS Ionospheric Total Electron Content and Scintillation Measurements during the October 2003 Magnetic Storm. 02/2011; 4(2):301-306., DOI:10.3844/ajeassp.2011.301.306
- Takialddin Al-Smadi**, Farouk M. Altaweel, H.A. Al Wahshat: Design and Applications of Microprocessor Based Digital Filter. Journal of Engineering and Applied Sciences 02/2011; 6(2):168-173., DOI:10.3923/jeasci.2011.168.173
- Khaldoon Atta Ghaidan, **Takialddin A. Al Smadi**, Sahar D. Al-Sudani: Web Interface Evaluation Design and Applications. 02/2011; 6(2):157-162., DOI:10.3923/jeasci.2011.157.162
- Takialddin AL Smadi**, H Al-Wahshat: Design & Implementation Networks operation for ATM Technology-Based high Performance Computing..
- Al Smadi: Low Cost Smart Sensor Design. 01/2011; 4(1):162-168., DOI:10.3844/ajeassp.2011.162.168
- Takialddin Al Smadi**: Design 3-D ultrasonic spatial mouse using microprocessor system. 09/2010; 31(5):955-971., DOI:10.1080/02522667.2010.10700005
- Takialddin A. Al-Smadi**, Yasir K. Ibrahim: Design of Speed Independent Ripple Carry Adder. Journal of Applied Sciences 06/2007; 7(6)., DOI:10.3923/jas.2007.848.854
- Khaldoon A Ghaidan, **Takialddin A Al Smadi**, Tariq A K Aljumailly, Farouk M Al-Taweel: Development of a new approach for transmitting Digital message on a Frequency Limited Communication Channel transmission.
- **Al Smadi, T.** (2011). Computing simulation for traffic control over two intersections. J. Adv. Comput. Sci. Technol. Res, 1, 10-24.
- **Al-smadi Takialddin**. "Learning to Computer Architecture Courses Using Verilog Hardware Description Language (VHDL)." *Egyptian Computer Science Journal* 31.3 (2009).
- Yahya S. H. Khraisat¹, Huthaifa A. Al-Issa², **Al Smadi Takialddin**³ and Taqwa Al-Khasawneh, Design Tunable Filter-Antennas for Cognitive Radio Applications, Contemporary Engineering Sciences. Vol. 10, , No. 5, 233 - 242
- **Khaldoon A. Ghaidan, Takialddin A. Al Smadi**, Tariq A.K.Aljumailly, Farouk M Al-Taweel, Development of a new approach for transmitting Digital message on a Frequency Limited Communication Channel transmission, Journal of advanced science and Technology research (JACSTR) [Vol 1, No 1 2011](#)



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(AJEAS) and American Journal of Applied Sciences (AJAS) (Since publication)

Reviewer, British Journal of Applied Science & Technology (BJAST) (ISSN: 2231-0843)

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prof. Tabialddin