CURRICULUM VITAE

PERSONAL INFORMATION

Name:	Amir J. Majid
Nationality:	Danish
Job Title:	Associate Professor
Marital Status:	Married
College:	Engineering and Information Technology
Department:	Electrical Engineering
Date of Birth:	29-10-1950
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EDUCATIONAL BACKGROUND

1. Doctorate

University:	Loughborough University
Country:	England
Date of Obtaining degree:	1980
Major:	Electrical Engineering/ Power and Control Engineering
Minor:	Electrical Engineering
Title:	Stability and control of sub-synchronous oscillations in a large power system

2. Master

University:	Surrey University (UK)
Country:	England
Date of Obtaining degree:	1977
Major:	Electrical Engineering/ Systems Engineering
Minor:	Electrical Engineering
Title:	Control of Tsypkin's oscillator

3. Bachelor

University:	Baghdad University
Country:	Iraq
Date of Obtaining degree:	1971

PROFESSIONAL EXPERIENCE

From (year)	To (year)	Position	Employer	Country
1971	1974	Electrical Engineer	Iraqi national grid	Iraq
1976	1977	Electrical Engineer	Wilson Engineering	UK
1979	1982	Electrical Logging Engineer	Schlumberger Int.	USA-France
1982	1985	University Lecturer	Hoon Higher Institute of EE Engineering	Libya
1985	1987	Researcher	Danish Technical University	Denmark
1990	1992	Technical Engineer	Danish Technological Institute	Denmark
1992	1995	Researcher	Danish Technical University	Denmark

1995	1998	University lecturer	Sharjah College (American University of Asea)	UAE
1998	2000	University lecturer	Al Bayan University	UAE
2000	2019	University lecturer	Ajman University	UAE
2019	Now	University lecturer	University of Science & Technology at Fujairah	UAE

EDUCATIONAL EXPERIENCE

Academic Year	Course Title	Academic Year	Course Title
1979-8	Micro processors	1998-2000	Electrical Machines, Programming, Logic Design
1998-2000	Electrical Machines, Programming, Logic Design	2000-2002	Measurements, Logic Design, Programming 1 & 2
2000-2002	Measurements, Logic Design, Programming 1 & 2	2002-2009	Measurements, Logic Design, Programming 1 & 2, Digital IC, Analog IC, C++, DSP, Communication principles, Signals & Systems, Circuits 1 &2, Electronics 1 & 2, ..etc.
2002-2009	Measurements, Logic Design, Programming 1 & 2, Digital IC, Analog IC, C++, DSP, Communication principles, Signals & Systems, Circuits 1 &2, Electronics 1 & 2, ..etc.	2009-2019	Measurements, Logic Design, Programming 1 & 2, Digital IC, Analog IC, C++, Microprocessors, ICS, Control Systems, Random Variables, Machines, Power, etc.
2009-2019	Measurements, Logic Design, Programming 1 & 2, Digital IC, Analog IC, C++, Microprocessors, ICS, Control Systems, Random Variables, Machines, Power, etc.	1979-now	In total more than 50 different courses of all electrical engineering program courses
2019-2020	Power System Analysis, Optoelectronics.		

PUBLICATIONS

1. Books

Three books on electrical engineering: A. Majid (single author):

1. Electrical Circuits Analysis with Matlab, Create Space, January 2017
2. Matlab Analysis of Electrical Engineering Networks, Create Space, March 2018
3. Computer Engineering Essentials, Create Space, February 2019

2. Book Chapters

None

3. Journal Articles

2021	Relaxing Method in the Evaluation of MPPT of Photovoltaic Cells Based on MIT Modeling, SCOPUS.
	Mathematical Modelling of Engineering Problems Vol. 8, No. 1, February 2021, pp. 158-164 Journal homepage: http://iieta.org/journals/mmep
2021	Economic Planning of the Operation of PV-Connected Distribution Network Using a Probabilistic Model for Extending the Network Lifetime, SCOPUS.
	International Journal of Sustainable Development and Planning Vol. 16, No. 1, February 2021, pp. 97-103 Journal homepage: http://iieta.org/journals/ijsdp.
2020	Scenarios of lifetime extension algorithms for wireless ad hoc networks, SCOPUS.

	International Journal of Computer Networks & Communications, IJCNC, Vol. 12, No. 6, November 2020
2020	Reliability and Failure Rate Evaluation of Lifetime Extension Analysis of Ad Hoc and Wireless Sensor Networks, SCOPUS. Mathematical Modelling of Engineering Problems Vol. 7, No. 3, September 2020, pp. 411-420 Journal homepage: http://iieta.org/journals/mmep
2019	**Case Studies of Lifetime Extension Algorithms For Ad Hoc Wireless Network, A. Majid, Paper accepted in IJCNC, January 2019.**
2018	**Engineering Networks and Circuits With Matlab Simulations Paperback , A. Majid, Book, Create Space, ISBN-13: 978-1794647480, Amazon platform, March 2018,** **https://www.amazon.co.uk/dp/1794647481**
2018	**Algorithms of Wireless Ad Hoc Sensors in Robotics, A. Majid, Int. J. Robotics and Automation Engineering, IJRAE, Vol. 2018, Issue-01.**
2017	**Renewable Energy Sustainability With Micro Hydro Systems In Fujairah. A. Majid, Accepted paper at the 2nd World Congress on Wind & Renewable Energy, London, June 21-23, 2017**
2017	**Algorithms of Wireless Ad Hoc Sensors in Robotics, A. Majid, 3rd World Congress on Automation & Robotics, San Diego, June 29-30, 2017**
2017	**MATLAB BASED ELECTRIC CIRCUITS ANALYSIS, A. Majid, Published book, Amazon Paperback: 438 pages, Publisher: Create-Space Independent Publishing Platform (7 Jan. 2017), ISBN-10:1541358848,ISBN-13:978-1541358843. https://www.amazon.co.uk/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=Amir+Majid+MATLAB+BASED**
2016	**PROLONGING NETWORK ENERGY-LIFETIME OF LOAD SWITCHING WSN SYSTEMS; A. Majid, International Journal of Engineering & Scientific Research, Vol. 4, Issue 10, October 2016**
2016	**Energy-Lifetime Control Algorithm for Variable Target Load Demands of Ad Hoc Networks; A. Majid, International Journal of Advanced Engineering, Management and Science, IJAEMS, Vol.-2 , Issue-6, June 2016.**
2016	**Prolonging Network Energy–Lifetime of Load Switching of WSN Systems, A. Majid, Journal of Algorithms, Computer Network and Security, Vol.1, No.2, Science Solve March 2016**
2015	**Maximizing AD Hoc Network Lifetime Using Coverage Perturbation Relaxation Algorithm, A. Majid, International Journal of Wireless Communications and Network Technologies, Vol. 4, No. 6, October 2015, ISSN 2319-6629**
2015	**ALGORITHM WITH SIMULATIONS OF NETWORK SENSORS LIFETIME AND TARGET ZONE COVERAGE; A. Majid, International Knowledge Press, Vol. 6, Issue 3, ISSN: 2395-4205 (2395-4213Online), ID:2015/AJOM, COR/1384, http://www.ikpress.org/abstract.php?iid=604&id=44&aid=4381#.VcWRViaqqko**
2015	**ALGORITHM OF AD HOC NETWORK SENSORS LIFETIME AND TARGET ZONES COVERAGE SIMULATIONS, A. Majid, International Journal of Innovative Research in Advanced Engineering, Vol.-2, Issue-4, April2015.**
2015	**SPEECH TO SIGN-LANGUAGE AND SIGN-LANGUAGE TO SPEECH TRANSLATOR, A. Majid, Z. Rashid, Proceedings of the 2015 International Conference on Industrial Engineering and Operational Management, Dubai, 2015**
2015	**MATLAB SIMULATIONS OF AD HOC SENSORS NETWORK ALGORITHMS, A. Majid, International Journal on Recent and Innovation Trends in Computing and Communications, Vol. 3, Issue 1, ISSN:2321-8169, pp.288-293, January 2015.**

4. Conferences

2021	**The Use of a Probabilistic Model for the Economic Operation and Lifetime Extension of a Photovoltaic-Wind Distribution Network, SCOPUS.** **UAEU, 6th International Conference on Renewable Energy: Generation and Applications (ICREGA).**
2020	**Lifetime Extension of Distributed Power Networks by Evaluating the Joint Gaussian Probabilities of the Power Coverage of Generators to Load Centers Demand. SCOPUS.** **2nd IEOM Society African International Conference, 2020.**
2019	Lifetime Extension with Economic Load Dispatch of Low Voltage Ad Hoc Distributed Networks, ICEEN onference (Singapore), SCOPUS, accepted, March 7-9, 2020, http://www.iceen.org

2019	Shadowing Effect on The Lifetime Extension of Ad Hoc Wireless Networks, WASET conference (London), accepted, Jan. 21-22, 2020, www.waset.org
2019	Lifetime Extension of Ad Hoc Wireless Network with Fading Channel, NetCom 2019 (Zurich), accepted, Nov. 23-24 , 2019, https://cseit2019.org/netcom/papers.html
2019	**Shadowing and Fading Environmental Effects on Lifetime Extension of Ad Hoc Wireless Networks; ICECTA 2019 (Ras Al Khaima, UAE), IEEE Xplore, www.aurak.ac.ae, Nov. 19-21, 2019.**
2017	**Algorithms of Wireless Ad Hoc Sensors in Robotics, A. Majid, 3rd World Congress on Automation & Robotics, San Diego, June 29-30, 2017**

PROFESSIONAL AND ACADEMIC ACTIVITIES

1. Professional Training
- **Training all university internal and external training students from 2000 till now**

2. Workshops
- **Several workshops worldwide**

3. Master Theses Supervision

4. Doctorate Theses Supervision

None

MEMBERSHIP OF PERIODICALS AND SCIENTIFIC JOURNALS

IEEE Membership, IEOM Membership, Reviewer of IIETA- IJMMEP, others.

AWARDS
- **Appreciation letters**