

# CURRICULUM VITAE



**NAME: EL-MAHDI M. ABOUSETTA**

**DATE OF BIRTH: 01-01-1952**

**NATIONALITY: LIBYAN**

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**Marital status: Married with Four children.**

**Spoken and written Languages: Arabic, English**

**Hobbies: Sports/music / travel.**

**ACADEMIC QUALIFICATIONS:**

**1971-1975 B.SC. Electrical Engineering Department/**

**Tripoli University, Tripoli-Libya**

**1980-1983 M.SC. (Control system )**

**Electrical Engineering Department, Ohio state University,  
Columbus Ohio, U.S.A**

**1992-1996 PhD ( Control system )**

**Thesis: Decentralized adaptive control scheme for Multi-  
link Robot Manipulators, Department of Mechanical  
Engineering, University College Dublin, Dublin, Ireland.**

**Present Academic position : Associate Professor**

**EMPLOYMENT:**

**1975-1979 Network Planning Division,**

**Telecommunication Corporation, Tripoli-Libya**

**1979-1980 Faculty.of Engineering, Computer Engineering Department-,  
Tripoli Uiversity, Tripoli-Libya.**

**1983-1992 Lecturer Assistant, Faculty of Engineering/computer Engineering  
Department, Tripoli University, Tripoli-Libya.**

**1997-1999: Lecturer, Faculty of Engineering,  
Computer Engineering Department, Tripoli  
University, Tripoli-Libya.**

**2000-2007: Head of Computer Engineering Department,  
Faculty of Engineering, Tripoli University/Tripoli-  
Libya**

**2007- present : Associate professor , Computer Engineering Department,  
Faculty of Engineering, Tripoli University/Tripoli-  
Libya.**

**Technical Training and Teaching Duties**

**1. Technical program: a one year training program with The  
British Telecommunication, 1976-1977.**

**2. Technical course on: Introduction to a Practical  
Teletraffic Engineering, ITU-1976.**

**3. I have been teaching the following courses at the  
Computer Engineering Department, Tripoli University (  
since 1997-present):**

**EC201: Electric circuit analysis**

**EC301: Linear system analysis and design.**

**EC446: Classical control system analysis and design.**

**EC547: Digital control system analysis and design.**

**EC475: System analysis and simulation.**

**EC414: Digital Electronics .**

**EC646: Modern Digital Control.**

**EC577: Introduction to Robotics.**

**EC448: Digital signal Processing.**

**EC331 : Introduction to Communication.**

**4. Conference papers:**

**[1]. "Adaptive control with application for robotic arm",**

**9th conference of the Irish Manufacturing committee, 1992**

**[2]. " Decentralized adaptive control scheme for multi-link**

**robot manipulators \ IMC-13 , Sep. 1996**

**[3] A new behaviour for electrostatic actuator , 2<sup>nd</sup> national conference for Engineering, Benghazi, Libya 23-25/9/2003**

**[4] A new behaviour for electrostatic actuator , Experimental investigation, AL-Jameai Journal ,March 2006**

**[5] Communication and information technology ,1<sup>st</sup> Conference on Industrial information and Networks , December 15-17 2002 , Dubai UAE**

**[6] High-gain natural straight-line tracking control for the lateral motion of a Boeing 747 , The 4<sup>th</sup> Libyan Arab International conference on Electrical and Electronic Engineering ,March 20-23 , 2006, Tripoli-Libya**

**[7] A Simulation-Based Performance Comparison of MANETs CDS creation algorithms using Ideal MAC and IEEE 802.11 MAC, Dubai ,UAE, 2013**

**[8] Simulation of Heat and Mass Transfer in Membrane Distillation (MD) Processes: The Effect of Membrane Pore Space Description, 11<sup>th</sup>**

**International Conference on Membrane Science and technology 2013 (MST 2013),Malaysia 27<sup>th</sup> -29<sup>th</sup> August 2013**

**[9] Simulation of waiting queues and delay distribution in traffic signals , Int'L Conference Proceedings of PSRC&ISAET ,Dec. 15-16, 2015 Pattaya( Thailand)**

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**[10] A Brief review to the intelligent controllers which used to control traffic flow, Invention Journal of Research Technology in Engineering & Management (IJRTEM) ISSN: 2455-3689 www.ijrtem.com Volume 1 Issue 4 || June. 2016 || PP 24-29**

**Other subjects of intrests**

- 1. Electronic Government**
- 2. Digital Divide**
- 3. Information Society**
- 4. Internet Applications**
- 5. Computer network**