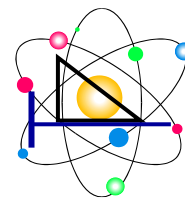




MENOFIA UNIVERSITY
FACULTY OF ELECTRONIC ENGINEERING, MENOF
DEPARTEMENT OF INDUSTRIAL ELECTRONICS
AND CONTROL ENGINEERING



C.V of
Dr. Mohamed Hamdy



PERSONAL DATA

1. **Date of Birth** : 21 October, 1972
2. **Place of Birth** : Mena El-Basal - Alexandria- Egypt.
3. **Marital Status** : Married with 3 Children
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PRESENT POSITION

- **Lecturer** at Industrial Electronics and Control Engineering Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt.

ACADEMIC DEGREES

- **B. Sc.** of Electronics Engineering, Automatic Control Systems Engineering and Measurements Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt, May 1995.
Grade of Graduate: Very Good with Honor Degree.
Grade of Project : Excellent.
- **M. Sc.** of Electronics Engineering, Automatic control systems engineering and measurements Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt, October 2002.
- **Ph. D.** of Electronics Engineering, Industrial Electronics and Control Engineering Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt, January 2007.

PROFFISIONAL POSITIONS

1. **Demonstrator** at Automatic Control Engineering and Measurements Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt. From 11/1995 until 11/2002
2. **Assistant Lecturer** at Industrial Electronics and Control Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt. From 11/2002 until 3/2007
3. **Lecturer** at Industrial Electronics and Control Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt. From 3/2007 until 4/2010.
4. **Associated Professor** at Industrial Electronics and Control Department, Prince Sultan Industrial Institute, Military Industries Corporation, Al-Kharj, Saudi Arabia. From 4/2010 until 6/2011.
5. **Lecturer** at Industrial Electronics and Control Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt. From 6/2011 until now.

AREA OF RESEARCH

Adaptive control, intelligent control systems, large scale systems, and nonlinear control systems.

TEACHING TOPICS

- Electrical Engineering.
- Automatic Control Engineering.
- Modern Control Theory.
- Linear Control System.
- Analysis Control Systems
- Nonlinear Control System.
- Digital Control Systems.
- Electrical Measurements and Sensors.
- Industrial Electronics.
- Electrical Measurements.
- Electro hydraulic Servomechanism Systems.
- Computational Aids in Control systems using Matlab.
- Specific Laboratories.
- Intelligent Control Systems

PROFESSIONAL / ACADIMIC RESEARCH

- Reviewer for few national/ International journals.
- Editorial board member of Journal of Control Engineering and Technology, ISSN Print: 2223-2036.

LIST OF PUPLICATION

1- Journal papers

Paper title: Extended Dynamic Fuzzy Logic System for a Class of MIMO Nonlinear Systems and its Application to Robotic Manipulators

Accepted for publication in Robotica (20 April 2012)- An Official Journal of the International Federation of Robotics, and of the CLAWAR Association

Paper title: Adaptive Fuzzy based-tracking Control for a Class of Strict-Feedback SISO Nonlinear Time-Delay Systems without Backstepping

Accepted for publication in International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems –it will be appear in Vol.3-2012

Paper title: Robust Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems Using Input-Output Linearization Concept

International Journal of Robust and Nonlinear Control, Volume 20, Issue 1, Jan 2010, pp. 27-40.

Paper title: Adaptive Fuzzy Decentralized Control for Interconnected MIMO Nonlinear Subsystems

Automatica, Volume 45, Issue 2, February 2009, pp. 456-462.

Paper title: Adaptive Fuzzy Semi-Decentralized Control for a Class of Large-Scale Nonlinear Systems with Unknown Interconnections

International Journal of Robust and Nonlinear Control, Volume 16, Issue 15, October 2006, pp. 687-708.

Paper title: Modeling and Fuzzy Control of The Preheater-Kiln Tower in Dry Process of Cement Industry

Menofia Journal of Electronic Engineering Research, Vol. 12, No. 1 Jan. 2002, pp. 141-156.

2- Conference papers

Paper title: Adaptive Fuzzy Control for Strict-Feedback Nonlinear Time -Delay Systems without Backstepping Scheme

49th IEEE Conference on Decision and Control December 15-17, 2010, Hilton Atlanta Hotel, Atlanta, GA, USA, pp. 3700-3705.

Paper title: Adaptive Mamdani Fuzzy Backstepping Control for a Class of Strict-Feedback Nonlinear Time-Varying Delays Systems

9st IFAC Workshop on Time Delay Systems, June 7-9, 2010, Faculty of Mechanical Engineering, Czech Technical University and Centre for Applied Cybernetics, Prague, Czech Republic.

Paper title: Adaptive Mamdani Fuzzy Control for a Class of Nonlinear Time-delays Systems

International IEEE Conference on Computer Engineering & Systems (ICCES'09), Faculty of Engineering, Ain Shams University, Cairo-Egypt, 14-17 December, 2009, pp. 121-126.

Paper title: QoS Management in Wireless Sensor/Actuator Networks Using Fuzzy-Genetic Prediction Approach

International IEEE Conference on Networking and Media Convergence (ICNM09), Ain Shams University, Cairo-Egypt, 24-25 March, 2009, Cairo, Egypt, pp. 29-35.

Paper title: Adaptive Fuzzy Semi-decentralized Control for a Class of Large-Scale Nonlinear Systems Based on Input-Output Linearization Concept

International IEEE Conference on Computer Engineering & Systems (ICCES'07), Faculty of Engineering, Ain Shams University, Cairo-Egypt, 27-29 November, 2007.

Paper title: Call Admission Control for ATM System using Fuzzy Control Approach

The 6th IEEE International Workshop on System on Chip for Real Time Applications (IWSOC), Cairo-Egypt, 27-29 December, 2006, pp. 62-65.

Paper title: Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems with MIMO Subsystems

International IEEE Conference on Computer Engineering & Systems (ICCES'06), Faculty of Engineering, Ain Shams University, Cairo-Egypt, 5-7 November, 2006, pp. 27-32.

Paper title: Direct Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems with Unknown Interconnections

1st IFAC International Workshop in Advanced Control Circuits & Systems (ACCS'05) 6-10 March, 2005, Cairo-Egypt.

Paper title: Indirect Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems with Unknown Interconnections

International Conference on Computational Intelligent (ICCI'04), Istanbul-Turkey, 17-19 December, 2004, pp. 314-317.

Paper title: Direct Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems

International IEEE Conference of Electrical, Electronics and Computer (ICEEC'04), Faculty of Engineering, Ain Shams University, Cairo-Egypt, 5-7 September, 2004, pp. 19-22.