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Education:

MSc: Electronic Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt, 2007.

BSc: Electronic Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt, 1998.

Current Position:

2015-Now: Assistant lecturer in the Department of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.

Previous Work Experiences

2007-2015: Assistant Lecturer, Faculty of Electronic Engineering, Menoufia University, Egypt.

2000-2007: Demonstrator, Faculty of Electronic Engineering, Menoufia University, Egypt.

Research Interest:

- Intelligent Control Systems,
- Modelling and Control of Electromechanical Systems,
- Nonlinear Control Systems,
- Real-Time Control Systems.

Recent Publications:

- M. I. Mahmoud, B. A. Zalam, M. A. El-Bardiny, and E. A. Gomah, "Real-Time Neural Network Speed Adaptive Controller Implementation on the PLC for a DC Drive, "Faculty of Electronic Engineering Periodical, Vol. 16, Jan. 2006.
- M. I. Mahmoud, B. A. Zalam, M. A. El-Bardiny, and E. A. Gomah, "A Simplifi-cation Technique for an Adaptive Neural Network Based Speed Controller for Implementation on PLC for DC Drive, "ICGST International Conference on Artificial Intelligence and Machine Learning (AIML-06/ARAS-06), pp. 11-17. June 2006.

- N. M. El-Rabie, M. A. El-Bardini, E. A. Gomah, "Decentralized Single Neuron Based Distributed Controller for Vibration Equalization in an Elastic-Coupled Multi-Motor System, " To be submitted to Arabian Journal for Science and Engineering, spingerlink, June 2015.
- N. M. El-Rabie, M. A. El-Bardini, E. A. Gomah, "Auto-Tuned Decentralized PID Controller for Vibration Equalization in a Multi-Motor Coupled Elastic System, " To being intended to be submitted, 2015.