**C.V.**

Name: Badeh Zarifa

Position: Associate Professor at the Faculty of Mechanical and Electrical Engineering, Damascus University and Syrian Private University.

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**Qualifications**

Major field of specialization: Electrical Engineering

Specific Specialization: Automated Electric Drive

Post graduation: Ph.D. in Technical sciences (Electrotechnical complexes and system, including their control and regulation).

Data of graduation: 1993.

University education: Kharkov Polytechnical University – Faculty of Design the Electro-machine- Department 0f Electric Drive and automation of Industrial Installations.

First graduation: Master of Science in Engineering (Electromechanical Engineer).

Data of graduation: 1989.

Overall grade: Excellent with Honor degree.

Project grade: Excellent.

junior college: First Industrial junior college in Damascus.

Graduation: Diploma in Electricity.

Data of graduation: 1979.

Overall grade: Excellent.

Rank: First.

**4. Teaching Subjects:**

 - Industrial Electronics (Power Electronics).

 - Electrical Measurement .

- Electrical Engineering.

 - Fundaments of Electronics.

- Industrial Automatic Control System.

 - Automatic Control System.

- Electronic Circuits.

- Electric Drive.

 - Electrical Power System.

 - supervision on a lot of projects.

**Books:**

1- Industrial Electronics (for Students of mechanical engineering)- Damascus University -2006-2007.

2- Electrical Measurement- Tahaddi Univercity-1999-2000.

3- Industrial Electronics (for students of Electronics & Communication department)- Damascus University-2014-2015.

**Published Researches:**

1. Bogdanova N.V., Zarifa Badeh, Optimizing the subordinate Electromechanical System with resilient joint. Journal of Kharkov Polytechnical University. 1992.

2- Klepikov V. B., Zarifa Badeh , Bogdanova N.V., Optimizing PI speed regulator for Double Mass Electric Drive with resilient joint. Problems of automated electro drives. Theory and practice. 1995.

3. Zarifa Badeh. Using Neural Network For prediction of required electrical energy. Damascus University Journal FOR ENGINEERING SCIENCES .Vol.25-No2- 2009.

4. Zarifa Badeh.Study of the Optimal Performance for Double Mass Flexible Electromechanical Driving system using PID speed controllers. Damascus University Journal FOR ENGINEERING SCIENCES. Vol.28-No.2-2012.

**5.** Zarifa Badeh, Riyad Khalaf. Elecrical and Electronic Driving

 Of Technological Operations in Ring Spinning Machine. Damascus University Journal FOR ENGINEERING SCIENCES. 2014.