

Curriculum Vitae  
Mubarak Alhajri  
College of Technological Studies  
Shuwaikh, Jamal Abdunasser Street, Kuwait  
Mk.alhajri@paaet.edu.kw

## **Education**

PhD University of Sothern California, Electrical Engineering

Aug. 2010

Dissertation: "Relaxing Convergence Assumptions for Continuous Adaptive Control"

MSc. Kuwait University, Electrical Engineering

May. 2002

BSc. Kuwait University, Electrical Engineering

May. 1999

## **Academic experience**

Kuwait University, (9/1999-8/2002)

Laboratory Engineer and TA

- Taught several electrical engineering laboratories for undergraduate

students including: Electric Circuits, and Control Systems.

- Responsible for preparing, maintaining, repairing, planning, and placing orders for laboratories equipment.

- Worked with professors on assorted assignments.

College of Technological Studies, PAAET, Kuwait, (9/2002-8/2006)

Lecturer

- Taught several electronics engineering courses and laboratories for undergraduate students including: Electric Circuits I, Electric Circuits II, Digital Circuits, Control Systems, Advanced Computer Applications, and Field Training.

- Revised syllabus to meet accreditation standards.

College of Technological Studies, PAAET, Kuwait, (8/2010-now)

Assistant Professor

- Teaching several electronics engineering courses and laboratories for

undergraduate students.

- Carry out debate sessions in regular classes to help students to understand the subjects better.

- Arrange expert visits for students on a periodic basis to create an interest in the subject.

- Provide students with information outside the classroom such as the

future prospects on the subject, its importance, etc.

- Direct students on how to use the study material for positive results in potential work.

- Engage students/colleagues in related local conferences and meetings.

## **Non-academic experience**

Click or tap here to enter text/ none if Not Applicable.

## **Certifications**

Click or tap here to enter text/ none if Not Applicable.

## **Current membership**

Click or tap here to enter text/ none if Not Applicable.

## **Honors and awards**

Click or tap here to enter text/ none if Not Applicable.

## **Service activities**

Click or tap here to enter text/ none if Not Applicable.

## **Publications and presentations**

**- M. Alhajri and M. G. Safonov. Setting the hysteresis constant to zero in adaptive switching control. In Proc. American Control Conf., pages 3542–3546, San Francisco, CA, June 29 - July 1, 2011.**

**[http://ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=5990785](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5990785).**

**- M. Alhajri and M. G. Safonov. Continuous adaptive supervisory control with zero hysteresis and no chatter. Int. J. Adaptive Control, 2016.**

**- M. Alhajri and M. G. Safonov. Relaxing convergence constraints in local priority**

**hysteresis switching logic. Technical report, EE Systems Dept., Univ. of Southern Calif., September 2011.**

**- M. Alhajri, "Relaxing Convergence Assumptions for Continuous Adaptive Control", USC, June 2010.**

**<http://routh.usc.edu/pub/safonov/alha10.pdf>.**

**- M. Alhajri. Relaxing Convergence Constraints In Local Priority Hysteresis Switching logic.**

**Professional development activities**