


Dr. Hadi Mohammed Dahir

Home Address ABU NSEAR JORDAN ,AMMAN Tel: 0795014705 Email:hadialithawi@yahoo.com	Personal Information Date of Birth: 1 st July 1959 Nationality : Iraqi Religion: Muslim Marital Status: Married Number of Children:4	
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Education

**1986 – 1990 Department of Electrical Engineering
University of Bradford (United Kingdom)**

Ph.D. in Electronics circuits Design: Title of Ph.D Thesis “An investigation of continuous time active filters for semiconductor integration”.

**1984 – 1985 Department of Electrical Engineering
University of Nottingham (UK)**

M.Sc. in Modern Electronics. Title of M.Sc. Thesis "A study of reverse recovery behaviour in high power diode"

**1978 – 1982 Department of Electrical Engineering
" Al -Rasheed College for Engineering and Science",
" Military Engineering College " " previously "
University of Technology, Baghdad ,Iraq**

B.Sc. in Electrical Engineering

Work Experience

2005-to present Hashemite university- electrical engineering department

Duties includes :

- **teaching different subjects such as: electronics 1 , electronics 2 ,electronics3, circuits 1,circuits 2 ,power electronics, and different labs,such as electronics 1 lab.,electronics 2 lab, electronics lab, circuits 1 lab, circuits 2 lab, electronics lab for non electrical eng. Students,**
- **Responsible for the academic programs of the students in the department from 2005 –to present..**
- **Supervise different graduate projects in electronics and communication field.**

- Member of academic plan in the department
- Responsible for the electronics labs. in the department .
- Responsible for university achivment Exams. For two years

**1998 - 2005 Al- Rasheed College for Engineering and Scince
University of Technology, Baghdad, Iraq**

Electronics Engineering Deptment.

Position: Assistance Professor

Duties included:

- Supervising many postgraduate (PhD & MSC) students mainly in the field
of Modern Active Filters Design and Electronic circuits design
- Supervision of various graduate projects.
- Responsible for Electronics and Electrical Circuits Laboratories.
- Teaching of various postgraduate courses which include Electronics Circuits Design, Advance Active Filter Design and Communications Electronics
- Teaching of various undergraduate courses which include Electronics, Electrical Circuits, Instrumentations and Measurements ,power electronics and Active Filters.
- Preparing and modifying study plans in Electronics Engineering subjects
 - Head of postgraduate studies committee (2002-2003)
 - Member of Engineering Training Committee (2000-2003)
 - Establishment of department (Electronics, Circuits and CAD) laboratories
 - Examination of theses, dissertations and graduation projects at the BSc, MSc and Ph.D. levels.
 - Scientific evaluation of published papers in different journals and Conferences.
 - Department representative in Engineering Journal in the University.

**1990 - 1998 " Al- Rasheed College for Engineering and Scince "
University of Technology, Baghdad, Iraq
Electronic Engineeirig Department.**

Positions: Lecturer

Duties include:

- Teaching of various undergraduate courses mainly in the field
of Electrical circuits, Electronics, Communication electronics,
- Supervising many postgraduate students

- Teaching of various undergraduate courses in Electronics Engineering and computer Engineering Departments
- Responsible for Electronics and Electrical circuits Laboratories . .
- Member of Examination committee.

Part Time Lecturer at :

- Electronics Engineering Department, University of Baghdad, Iraq, 1990
- Electrical Engineering Department, University of Baghdad, Iraq ,1991
- Electronics Engineering Department, AL-Nahrain University, Baghdad, 1992
- Laser Engineering Department, AL-Nahrain University, Baghdad, Iraq,1992
- Control and Computer Engineering Department, University of Technology, Baghdad, 1993
- Electrical Engineering Department, Salah-AL-Deen University, 1994
- Electrical Engineering Department, University of Babylon, Iraq ,1995

Postgraduate Courses

Solid-State Electronics, Power Electronics, Communications, Signal Processing, Computer Software, Active-Filter Design, Control Engineering and Analogue Circuits Design.

Undergraduate Courses

Electrical Circuits, Electronics 1, Electronics 2, Electronics 3, Electronics Measurements, Electrical Machines, Engineering Analysis, Communications Systems, Radar Technology, Control Engineering, Antennas and wave propagation, Electrical power, Engineering Statistics and Electronics Lab.

Publications

Papers

1. "Design and implementation of fast furrier transform using FPGA Technology", Journal of Engineering and Tanmia, Faculty of Engineering, University of ALMustansiriya, Iraq, 1999.
2. "Design and Evaluation of a new fully-integrated MOSEFT-C filter for VLSI", Journal of Engineering and Tanmia, Faculty of Engineering, University of ALMustansiriya, Iraq, 1999

3. "The effect of amplifier-doublets on the performance of higher-frequency Active-Filters", Journal of Engineering, Al-Rasheed College for Engineering and Science, University of Technology, Iraq, 2001
4. "High-Frequency stability of Two-Amplifiers second order active – RC filter", Journal of Engineering, Al-Rasheed College For Engineering and Science, University of Technology, Iraq, 1997.
5. "Switched capacitor integrator for high frequency", Journal of Engineering, Al-Rasheed College For Engineering and Science, University Of Technology, Iraq, 1998.
6. "Novel methods for second-pole and input capacitance determination in op-amp" Journal of engineering, Al-Rasheed College For Engineering and Science, University of Technology, Iraq, 1995.
7. "Modelling of non-ideal active devices in OTA-C filter", Proceedings of European Conference, Brighton, UK, 1989.
8. "Generation and Evaluation of second-order OTA-C filters", IEE Colloquium, London, UK, 1989.
9. "The limitations of MOSFET-C analogue filters at higher frequencies", IEE Conference, London, UK, 1987.

M.Sc Thesis supervised

1. "Design and evaluation of continuous- time MOSFET-C filters in VLSI" Alnahrin University, Iraq, 2004
2. "Effects of amplifier imperfections on the design of high-frequency active-filters" " AL-Rasheed collage for engineering and Scince" University of Technology, Iraq, 2004
- 3." Current – mode active- filters design at higher frequencies " AL-Rasheed collage for engineering and Scince" University of Technology, Iraq, 2003
- 4 ."Linear- performance of OTA-C and Active –RC filters " frequencies " AL-Rasheed collage for engineering and Scince" university of Technology, Iraq, 2002
- 5."Design and evaluation of high- performance radio receiver " Almelad research center, Iraq, 2001
- 6."Design of simulation program for transistor circuit analysis " Al-Hareth research center, Iraq, 2000