

YAQOUB MOSTAFA SHEHADEH

Department of Mathematical Sciences,
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Personal

Family Status: Married (with three children).
Date of Birth: January 3, 1966.
Place of Birth: Hebron, West Bank.
Citizenship: Jordanian.

Education

- **M. Sc. Mathematics** - June 92
King Fahd University of Petroleum and Minerals,
Dhahran, Saudi Arabia
Thesis title “ Computation of Singularities in B.V.P.s Using Finite Differences
With Block-Elimination.”
- **B. Sc. Mathematics** - Jan.88
College of Science & Technology,
Abu-Deis, Jerusalem, West Bank.

Work Experience

- September 1999-Present:

Lecturer, Department of Mathematical Sciences,
King Fahd University of Petroleum and Minerals,
Dhahran 31261, Saudi Arabia.

Responsibilities:
 - Teaching Calculus I & II
 - Teaching Preparatory Year Mathematics I & II
 - Computer Aided Learning (CAL) Classes for Math. 001&002
- September 1998 - August 1999:

Instructor, Mathematical Department,
Palestine Polytechnic Institute,
Hebron P.O. Box 198, West Bank, Palestine

Responsibilities:

- Teaching Calculus I & II
- Teaching Preparatory Year Mathematics II
- Teaching Numerical Analysis

- September 1996 – August 1998:

Instructor, Department of Mathematics and Computer Science,
United Arab Emirates University, Al-Ain.

Responsibilities:

- Teaching Calculus I & II
- Teaching Mathematics for Teachers I & II
- Tutoring Linear Algebra
- Tutoring Numerical Analysis
- Tutoring Math. and Eng. Applications

- September 1992 – August 1996:

Lecturer, Mathematical Science Department,
King Fahd University of Petroleum and Minerals,
Dhahran 31261, Saudi Arabia.

Responsibilities:

- Teaching Calculus I & II
- Teaching Preparatory Year Mathematics I & II
- Computer Aided Learning (CAL) Classes for Math. 001&002

- September 1990 – August 1992:

Teaching and Research Assistant, Mathematical Science Department,
King Fahd University of Petroleum and Minerals,
Dhahran 31261, Saudi Arabia.

Responsibilities:

- Teaching Preparatory Year Mathematics I & II
- Computer Aided Learning (CAL) Classes for Math. 001&002

Academic Activities

- Chairman of Exam Committee for Preparatory Year Mathematics I & II.
- Teaching with a new experimental CAL setup.
- Academic Advisor for 30 Students.
- Member of the Preparatory Year Syllabus Committee.
- Member of the Scheduling Committee.
- Chairman of the Preparatory Year Computer Aided Learning (CAL) Committee.
- Chairman of the Social Committee.

- Write CAL manual using MATLAB for Math002(Algebra and Trigonometry II)
- Write lecture notes for Math002(Algebra and Trigonometry II) See <http://faculty.kfupm.edu.sa/math/shehadeh/Notes%20math002.htm>
- Short Course “Math. for High School Teachers Using MATLAB”
- Short Course “Math. for High School Teachers Using DERIVE”

Publications

- [1] " Neural Network: Modeling with Impulsive Differential Equations"(Hader Akca, rajai Alassar and Yaqoub Shehadeh) Proceedings Dynamicals Systems and Applications, pp 32-47 July 2004 Antalya Turkey.
- [2] " Periodic Solutions of Discrete Counterpart of an Impulsive System with a Small Delay" "(Hader Akca, and Yaqoub Shehadeh) Proceedings Dynamicals Systems and Applications, pp 282-294 July 2004 Antalya Turkey.
- [3] "The Use of Block Elimination for Calculation of Some Type of Singularities Efficiently" (with Basem S. Attili) Mathematics And Computers in Simulation, 36(1994), pp.173-184.
- [4] "The Numerical Computation of Generalized Turning Points and Cusps Using Finite Differences Efficiently"(with Basem S. Attili), Proceedings "Innovative Methods in Numerical Analysis", Bressanone, Italy, September (1992).

References

- Dr. Basem Attili, United Arab Emirates University, Al-Ain
E-mail: B.Atili@uaeu.ac.ae
- Dr. Zayed Abdulhadi, Math. Department, American University of Sharjah,
P.O. Box 26666, Sharjah.
E-mail: zahadi@aus.ac.ae
- Dr. Mohammad Abu-Sbeih, KFUPM 178, Dhahran, Saudi Arabia
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