

“MOHAMMAD OTHMAN” OMRAN

Curriculum Vitae

Feb 24th, 2015.

PERSONAL

Date and Place of Birth May 5th, 1963. Nablus, West Bank, Palestine.
Citizenship Palestinian

Address

Mailing address: Department of Mathematics, College of Science,
An-Najah National University,
Nablus, West-Bank, Palestine.

E-mailing address: omran@najah.edu

EDUCATION

Degrees

- 1- **Ph.D.**, Mathematics (Aug. 97), Brigham Young University, Provo, UT 84602, USA
- 2- **M.Sc.**, Mathematics, (Dec. 92), Brigham Young University, Provo, UT 84602, USA
- 3- **M.Sc.**, Electrical Engineering, (Dec. 89), Brigham Young University, Provo, UT 84602, USA
- 4- **B.Sc.**, Electrical Engineering, (June 86), Yarmouk University, Irbid, Jordan.

Theses Titles

- 1- **Ph.D.** Thesis (Aug. 97)
" The Real Positive Definite Completion Problem for Two Unspecified Entries "
- 2- **M.Sc.** Thesis (Dec. 92)
" Determining the Number of Roots of a Real Polynomial Inside the Unit Circle. "

JOB AFFILIATION

Assistant Professor of Mathematics, An-Najah National University, Nablus, West Bank, Palestine (Sep. 97 – present).

PROFESSIONAL EXPERIENCES

An-Najah National University (Nablus, West Bank, Palestine).

- 1- Assistant Professor of Mathematics (Sep. 97 – present).
- 2- Coordinator for the graduate program in Pure Mathematics and also the graduate program in Computational Mathematics (March 2003 – Oct 2011)

- 3- A Member of the Department self – evaluation Committee (Sep. 2005 – Dec 2011)
- 4- Mathematics Department Chairman (Two Academic years: Oct. 2002- Sep. 2004)
- 5- A Master Thesis Advisor for four students in the Pure Mathematics Program.
- 6- A Defense Committee Examiner in three master theses (March 2004, July 2000 and Feb. 2010).
- 7- A Committee Member of the 3rd and 4th College of Science Scientific Exhibits (April: 98 & 2000).
- 8- A Member in the College of Science Library Committee (Sep. 99- Sep. 2000)
- 9- A Coordinator for several Mathematics Classes during the teaching job.
- 10- Coordinator of Mathematics Committee for the College of Science 8th Exhibition (Winter 2015)

TEACHING EXPERIENCES

An-Najah National University

Undergraduate Courses

Calculus 1,2 & 3, Advanced Calculus, Principles of Mathematics, Differential Equations, Linear Algebra 1 & 2, Engineering Mathematics, Modern Algebra 1, Special Functions, Complex Analysis, Numerical Analysis, Number Theory, History of Mathematics and Methods in Applied Mathematics.

Graduate Courses

Applied Mathematics, Advance Linear Algebra, Special Topics in Mathematics, and Graph Theory.

Brigham Young University

1- Mathematics Department: (Jan. 90-Aug. 97)

Teaching Assistant for College Algebra and Calculus 1 & 2 classes

2- Electrical and Computer Engineering Department: (Sep. 88- Dec. 89)

Class Grader: Introduction to Digital Logic Design, Digital Logic Design and Electrical Circuit Analysis classes.

Jordan University of Science and Technology, (Irbid-Jordan)

Electrical Engineering Department: (Sep. 86-Nov. 87)

1- Microprocessor Lab. Assistant

2- Grader for Pascal and Assembly Computer Languages Classes

FIELDS of INTERESTS

- 1- Matrix Theory and Linear Algebra.
- 2- Graph Theory and Combinatorics.
- 3- Mathematics Applications in Electrical Engineering and Digital Logic.

PUBLICATIONS

" **The Real Positive Definite Completion Problem for a 4-Cycle** " with Wayne Barrett^a,
LAA, 336 (2001) 131-166

^a: **Department of Mathematics, Brigham Young University, Provo, UT 84602, USA**

CONTRIBUTED TALKS

1- **2 Talks at AMS/MAA Sectional Meetings**, (Salt Lake City 93, Pocatello 95)

2- **2 Talks at Matrix Theory Meetings**, (Salt Lake City 94, Logan 96)

3- **3 Talks at College Spring Research Conferences**, (Brigham Young University 93, 94, 96)

SCHOLARSHIPS

Brigham Young University

1- **Tuition & Teaching Assistantship (Mathematics, 90-97)**

2- **Tuition (Electrical and Computer Engineering, 88-90),**

Jordan University of Science and Technology.

Tuition & Lab. Assistantship (Electrical Engineering, 86-87)

OTHER SKILLS

1- **Programming Knowledge in some Computer Languages as Fortran, Pascal and Assembly**

2- **Fluent in Arabic Language.**

3- **Very Good Writing and Reading Skills in English.**

4- **Having Good Memory when Dealing with numbers.**

REFERENCES

1- **Dr. Mohammad N. Asad**, massad@najah.edu

Department of Mathematics, An-Najah National University.

2- **Dr. Sameer A. Matar**, samatar@najah.edu

Department of Mathematics, An-Najah National University

3- **Dr. Wayne W. Barrett**, wayne@math.byu.edu

Department of Mathematics, Brigham Young University.