

## Dr. Nafiz D. Abujaradeh

---

University of Jordan, Department of Mathematics, Amman 11942 Jordan  
(+962)-077-561-2070 jaradeh@ju.edu.jo

**Objective:** Pursuing part time teaching opportunity.

**Education:** Bachelor of Science, Mathematics, University of Jordan, 1979.

Master of Science, Mathematics, Michigan State University, 1986.

Doctor of Philosophy, Mathematics, Clarkson University, 1992.

### DISSERTATION

#### TITLES:

#### Master Thesis:

‘Modulus Functions and  $L(f)$  Spaces’

#### Ph.D Dissertation:

‘Differential Equations on Graphs’

**Experience:** Associated Professor of Mathematics September 2015 - present  
University of Jordan, *Department of Mathematics*.

Associated Professor of Mathematics September 2011 - 2015  
Umm-Alqura University, Sudia Arabia, *Department of Mathematics*.

Associated Professor of Mathematics September 2009 - 2011  
German=Jordan University, *Department of Mathematics*.

Assistant Professor of Mathematics September 1990-2008  
University of Jordan, *Department of Mathematics*.

Teaching Assistant of Mathematics September 1986- 1990  
Clarkson University, *Department of Mathematics*

Teaching Assistant of Mathematics September 1983- 1986  
Michigan State University, *Department of Mathematics*

Instructor of Mathematics  
Jordan University, *Department of Mathematics*

September 1981- 1983

High School Teacher of Mathematics  
Ministry of Education(Jordan).

September 1979- 1981

## **COURSES TAUGHT:**

### **Undergraduate:**

- Calculus I ,II & III,
- Engineering math I ,II, & III,
- Ordinary differential equations I & II,
- Partial differential equations I & II.
- Set Theory,
- Linear algebra I & II,
- Mathematical analysis.
- Real analysis I & II.
- Advanced calculus.
- Vector analysis.
- Applied mathematics.
- Numerical analysis I & II.
- Matrix theory.
- Programming in Fortran.
- Functional analysis.
- Abstract algebra.
- Statistics.
- Integral equation.
- Axiomatic Euclidean Geometry.
- Graph theory.
- Discrete mathematics.
- Mathematical packages (mathematica).

### **Graduate Courses:**

- Applied mathematics.
- Special Topics (Graph Theory).

- RESEARCHES:**
- Abu-Jaradeh, Nafiz D. ‘ On the Union and Intersection of  $L(f)$  Spaces’, Dirasat Vol IX (1982)
  - Abu-Jaradeh, Nafiz D. and Powers, David L.‘ Heat conduction on Graphs’ . Discrete App. Math. 52(1994)1-16.
  - Abu-Jaradeh, Nafiz D. ‘A simulated study of goodness of fit test for the geometric distribution based on the Renyi entropy’. JFC Vol. 13, May(1998), 63-69.
  - Abu-Jaradeh, Nafiz D. ‘ Power comparison of tests based in the Renyi entropy’, Dirasat 34(Aug. 2007 ), 165-178
  - Abu-Jaradeh, Nafiz D. ‘Zero divisor graph for the Ring of Gaussian Integers modulo  $n$ ’ communications in Algebra.36:10.3865-3877.

- MASTER’S DEGREE SUPERVISION:**
- Anwar Jamil Al-Najjar (2001). ‘ A Partion of Graphs into Cycles’
  - Commettee member for at least 20 Master and PhD thesis.
  - Reviewer for at least twelve papers.

**References:** Hassan Z. Hdieb, Professor of Mathematics. University of Jordan.

Ahmad Abdulla, Professor of Mathematics. University of Jordan.

Charles Yeomans, Professor of Mathematics. University of Jordan.