

## *Curriculum vitae*

### *1. Personal Data:*

**Name:** Abdalla Ahmed Tallafha

**Date of birth:** 15-2-1964

**Nationality:** Jordanian

**Sex:** Male

**Marital status:** Married

**No. of children:** Five

**Address:** Dept. of Mathematics, Jordan University

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### *2. Academic Qualifications:*

<u><b>Degree</b></u>	<u><b>Specialization</b></u>	<u><b>Institute</b></u>	<u><b>Date of graduation</b></u>
Ph. D.	Mathematics (Analysis, Functional)	Middle East Technical Univ. (Turkey)	1992
M. Sc.	Mathematics (Analysis, Functional)	Yarmouk University Jordan	1988
B. Sc.	Mathematics	Yarmouk University	1986

***Title of Ph.D. Thesis:*** Local Imbedding and Decomposition Theorems.

***Title of Master Thesis:*** Isomorphism's with Small Bounds.

***Languages:*** Arabic (native), English and Turkish.

English was the language of study in all degrees.

### **3. Professional Experience :**

<b><u>Position Held</u></b>	<b><u>Name of Institute</u></b>	<b><u>Date</u></b>
Associated Professor	Jordan University	Sep.2005-Now
Associated Professor	Qatar University	Mar. 2000-Sup.2005
Assistant Professor	Qatar University	Mar. 1998-Mar.2000.
Assistant Professor	Yarmouk University	Sep. 1997-Mar1998.
Assistant Professor	Al al-Bayt University (One year leave from Yarmouk University).	Sep.1996- Sep 1997.
Assistant professor	Yarmouk University	Sep.1993- Sep 1996.
Full Time Lecturer	Yarmouk University	Sep.1992- Sep 1993.
Instructor	Middle East Tech. Univ.	Sep.1988- Jun. 1992

### **4. Thesis supervised at master's level:**

- a) Decomposition theorems in kothe spaces. (Functional Analysis)
- b) Almost  $\lambda$ -DH spaces. (Topology).
- c) Some Generalizations of Lindelof spaces. (Topology).
- d) Best constant in Sobolev Inequality. (Functional Analysis).

### **5. Courses Taught:**

#### ***a) Under Graduate Level at Yarmouk University.***

Calculus I, II, III, Differential Equations (Ord). Linear Algebra, Euclidean Geometry, Real Analysis I, II, Complex Analysis I, II, History of Mathematics, Functional Analysis, General topology I,II.

***b) Graduate level at Yarmouk University.***

Integration and Measure Theory Advance Functional Analysis,  
Selected Topics in Functional Analysis.

***c) Under Graduate level at AL al-Bayt University.***

Calculus I, II, III, Statistical Methods, Real Analysis I.

***d) Graduate Level at AL al-Bayt University.***

Integration and Measure Theory.

***e) Under Graduate Level at Qatar University.***

Calculus I, II , III, And IV, Calculus for engineering I, II , III, IV, And V, Calculus for Biology, Statistics for non science student, Foundation of Mathematics, Introduction to Real Analysis, Real Analysis (I, II), Complex Analysis (I,II), Modern Geometry, Topology, Functional Analysis.

***f) Under Graduate Level at Jordan University.***

Calculus I, II, III, Mathematics for Engineering, Mathematics for Economics, Foundation of Mathematics, Real Analysis I,II, Mathematical Analysis, Complex Analysis, set Theory.

***g) Graduate Level at Jordan University.***

Real Analysis, Complex Analysis.

**6. Field of specialization:**

Analysis (Functional Analysis).

The precise Topics of my Research are:

- i) Sequence spaces (Kothe spaces).
- ii) Theory of Bases and Schauder Decomposition of Banach and Topological Spaces.

- iii) General Topology. (C.D.H. Spaces, Toronto Spaces).
- iv) Uniform spaces.

### **7. Publications:**

- 1) On multiplicatively stable weak  $G_\infty$  - spaces, J. of Inst. of Math. and Computer Sciences (Math Series). Vol.6, no. 3(1993), 223-225.
- 2) Some classes of Discrete Toronto spaces, J. of Inst. of Math. And Computer Sciences (Math. Series) Vol.7, no. 6 (1994).
- 3) Local Imbedding and PN-spaces, Turkish J. of Math. 19 (1995, 275-282).
- 4) Open problems in Bases Theory, Math Stud. J. V. 64 (1995).
- 5) Complementary subspaces Isomorphic to a nuclear  $G_\infty$ -space, Math .Sc. Res. Hot-Line, (U.S.A). 2(3) (1998), 27-40.
- 6)  $\lambda$  - Dense Homogeneous spaces, J. Of Basic Sc. Vol. 26, 2(August 1999).
- 7) Countable Dense Homogeneous Bitopological Spaces, Turkish Journal of Mathematics, vol. (23) No2, 1999, 233-242.
- 8) Classification of locally connected Toronto spaces, *Far East J. Math. Sci. (FJMS)* 3(4) (2001), 657-661.
- 9) Countable dense homogeneous bitopological spaces and lower separation axioms. *Saitama Mathematical Journal*, Volume 21.(2003), 33-39.
- 10) Strong and weak n- Homogeneous Spaces, *Qatar University science Journal*, Vol.24, (2004).5-11.
- 11) Closurely Ordered Countable Sets and Application. *Global Journal of Pure and Applied Mathematics*.Vol.1 No.2(2005), pp.177-182, ISSN0973-1768.
- 12) On Decomposition Method and PN-Spaces, *Al-Manarah for Research and Studies (Basic Sciences)*, Vol12, No.2, 2006, 185-197.

- 13) On Quasi –  $\lambda$ - Nuclearity. *Scientiae Mathematicae Japonicae Online*, e-2007, pp. 1-7. ISSN 13456-0862.
- 14) Modelling and Analysis of Stage –Structured Population Model with State-Dependent Maturation delay and Harvesting. *Int. Journal of Math. Analysis*, Vol. 1, 2007, No. 8, pp. 391-407. ISSN 1312-8876.
- 15) *Best approximation in uniformity type spaces. Eur. J, Pure Appl. Math Vol. 2, No.2, pp. 231-238.*
- 16) New types of almost countable dense homogeneous space. *Int. J. Math. Math. sci*, 2010, ID 375293, 11 pp.

The following papers are communicated

- 15) Various types of homogeneity.
- 16) Stable local imbedding and Kothe spaces

## 8. **Committees Memberships**

### a) **Department Committees**

- 1 -Scholarship and appointment committee (Yarmouk. Unv.).
- 2 -Qualifying exam committee (Yarmouk. Unv. and The University of Jordan).
- 3 -Library Committee (Yarmouk Unv. and AL al-Bayt Unv.).
- 4 -Study Schedule Committee (Yarmouk Unv., AL al-Bayt Unv. Qatar Unv, and The University of Jordan).
- 5 -Development and Planning Committee (Yarmouk. Unv.).

- 6 -Seminar Committee (Al al-Bayt Unv.).
- 7 -Social Committee (Jordan Unv, and Qatar Unv.)
- 8 -Research Project organizer (Qatar Unv.).
- 9 -Course Description Committees of several courses ( Al- al-Bayt and Qatar Unv).
- 10 - Examiner for certain M. Sc. Thesis in Analysis , Topology and Graph Theory In Several Universities .
- 11 - Books Committee (Qatar Unv.)

***b) Faculty committees.***

- 1- Representative of the College of Science in the University Counsel. (University of Jordan).
- 2- Representative of the Department in the College of Science Counsel. (The University of Jordan).
- 3- Social Committee (Jordan Unv)
- 4- New Student Reception Committee. (University of Jordan).
- 5- Reporter for the Elections of Students Committee Academic Year 2005-2006. (University of Jordan).
- 6- Library committee. (Yarmouk University).
- 7- Computer Committee. (Yarmouk University).
- 8- Examination Committee. (Yarmouk University).
- 9- Representative of Math. Dept. in the College Counsel. (Yarmouk University).

c) *Committees outside universities.*

- 1- Jordan Mathematical Society.
- 2- Turkish Mathematical Society.
- 3- Member of the developing education committee in certain schools in Jordan.

9. *Other Scientific Activities*

- (a) I was the External Examiner for a Ph. D. student at Carleton University, Ottawa, Canada.
- (b) I was an Examiner for several Ph. D. Thesis.
- (c) I was a referee for text book of mathematics in Jordan for the 11<sup>th</sup> and 7<sup>th</sup> grade 2007.
- (d) I was a referee for text book of mathematics in Jordan for the 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade 2010.
- (e) I was a referee for several papers, in several Math. Journals.
- (f) I was a referee for several promotion .

b) *Conferences*

- 1- The Turkish Mathematical Society Annual Meeting. Turkey, 1990, 1992.
- 2- The Second Jordanian Mathematical Conference, Jordan, Sep. 1993.
- 3- The Thirty-five Science Week, Syria, Nov. 1995.
- 4- Teaching Calculus Using Computer, Jordan, April, 1996.
- 5- The Third Jordanian Mathematical Conference, Jordan, Sep. 1996.

6- The Annual Indian Mathematical Society Conference, India, Dec. 1996.

7- The Fourth Jordanian Mathematical Conference, Jordan, Sep. 1998.

*c) Seminars*

<b>Title</b>	<b>Institute</b>	<b>Date</b>
1- Homogeneity and Beauty of Topology	the University of Jordan	April 2009.
2- Kothe and P. N. Spaces.	The University of Jordan	May 2006
3- Kothe spaces And Decomposition Methods.	Qatar Univ.	Apr.2002
4- Completion of metric spaces.	Qatar Univ.	Apr. 1999.
5- Some generalizations of Lindelof Spaces.	Qatar Univ.	Dec. 1998.
6- Convergent Theorems in Integration.	Al al-Bayt Univ.	Mar. 1997.
7- Introduction to Kothe Spaces.	Al al-Bayt Univ.	Sep 1996.
8- Local Imbedding and Decomposition Theorems.	Yarmouk Univ.	Sep 1992.
9- Introduction to Kothe Spaces.	Al al-Bayt Univ.	Sep 1996.

**10. Academic Honors.**

- 1) Royal gift for being the first in the College of Sciences in B.Sc.
- 2) Royal gift for being the first in M. Sc.
- 3) Fellowship from Arab Student Aid International for being in Honor list in the Ph.D. program.