

# CURRICULUM VITAE

## 1. Personal Information:

- **Name:** Feras Ali Bani-Ahmad
- **Sex:** Male
- **Date of Birth:** January 17, 1972.
- **Nationality:** Jordanian
- **Marital Status:** Married with three son and one daughter

## 2. Current Professional Position:

- **Assistant Professor**, Department of Mathematics, Hashemite University, Zarqa-Jordan.

## 3. Official Address:

- Dept. of Mathematics, The Hashemite University, Zarqa -Jordan.
- E-Mail: [fbaniahmad@hu.edu.jo](mailto:fbaniahmad@hu.edu.jo) , [fbaniahmad@yahoo.com](mailto:fbaniahmad@yahoo.com)
- Phone #: (00962)798234815 •

## 4. Academic Qualifications:

1. Ph.D., 2011, Department of Mathematics, University of Jordan, Jordan.
  - (i) Degree Specialization: Mathematics (Functional analysis).
  - (ii) Title of Ph.D. Thesis: Inequalities for Generalized Commutators of Hilbert Space Operators.
  - (iii) Thesis advisor: Prof. Fuad Kittaneh.
2. M.Sc., 1997, Department of Mathematics, University of Jordan, Jordan.
  - (i) Degree Specialization: Topology .
  - (ii) Title of M.Sc. Thesis: Contractive Mappings.
  - (iii) Thesis advisor: Prof. Hassan Hedib.
3. B.Sc., 1994, Department of Mathematics, Yarmouk University, Jordan.

## **5. Languages:**

Arabic (Native) and English

## **6. Employment:**

- **Sep. 2011-Present: Assistance Professor**, Dep. of Mathematics, The Hashemite University/Jordan.
- **Sep. 2007- Sep. 2011:** Teacher, Dep. of Mathematics, Jerash Private University/Jordan.
- **Sep. 1999-July 2007:** Mathematics teacher, Ministry of Education, UAE.
- **Sep. 1994-Aug.1999:** Mathematics teacher , Ministry of Education, Jordan.

## **7. Field of Specialization and Areas of Researcher Interest**

- Analysis, Functional analysis and its applications, Inequalities, Operator theory, Matrix analysis and its applications, Number Theory.

## **^ Publications:**

1. W. Bani-Domi, **F. Bani-Ahmad**. New Numarical Radius Inequalities for Certain Operator Matrices. *Proyecciones Journal of mathematics*, Volume 31, No. 3 (2012), pp. 277-295.(**Scopus**)
2. **F. Bani-Ahmad**, M.Al- Dolat, N. Tahat, A. K. Alomari. Singular Value Inequalities for Commutator Operators. *International Journal of Mathematical Analysis*, Volume 6, No. 42 (2012), pp. 2083-2089.(**Scopus**)
3. N. Tahat A, E.S. Ismail, **F. Bani-Ahmad**. ID-Based Signature Scheme Using The Conic Over  $Z_n$  on Two Hard Problems, *International Journal of Pure and Applied Mathematics*, Volume 77, No. 3 (2012) pp. 443-452.(**Scopus**)
4. A.K. Alomari, F.Awawdeh, N.Tahat, **F.Bani -Ahmad**,W.Shatanawi. Multiple Solutions for Fractional Differential Equations: Analytic Approach, *Applied Mathematics and Computation*, 219 (2013), pp. 8893-8903.(**Elsevier, ISI ,Impact Factor 1.454**)

5. M. Al-Dolat, K. Al-Zoubi, M. Ali, and **F. Bani-Ahmad**. General Numerical Radius Inequalities for Matrices of Operators, *Open Mathematics* (2016) 14: pp. 109-117.(**ISI, Impact Factor: 0.573**)
6. **F. Bani-Ahmad**, .M.T. Shatnawi, N. Tahat, S. Shatnawi. A New Kind of Digital Signature Scheme Using Golden Matrices Based on Factoring Problem, *International Journal of Pure and Applied Mathematics*. Volume 107 No. 1 (2016), pp. 49-57.(**Scopus**)
7. N. Tahat, **F. Bani Ahmad**, K. Alhazaymeh, N. Hassan. Ordering on Vague Soft Set, *Global Journal of Pure and Applied Mathematics*. Volume 11, Number 5 (2015), pp. 3189.3193.(**Scopus**)
8. A.K.Alomari, F. Awawdeh, S. Abbasbandy, O.Alsayyed and **F.Bani Ahmad**. Analysis of Steady Three-Dimensional Hydromagnetic Stagnation Point Towards A Stretching Sheet With Heat Generation, *Italian Journal of Pure and Applied Mathematics*. N. 36-2016 (179-194). ( **ISI. Scopus**)
9. **F. Bani Ahmad**, A.K. Alomari, A. Bataineh, J. Sulaiman, I. Hashim. On The Approximate Solutions of Systems of ODEs by Legendre Operational Matrix of Differentiation. *Italian Journal of Pure and Applied Mathematics*. N. 36-2016 (483-494). ( **ISI. Scopus**)
10. **F. Bani Ahmad** and W. Bani-Domi. New Norm Equalities and Inequalities for Operator Matrices. *Journal of Inequalities and Applications*, (2016) 2016:175 (**Springer, ISI, Impact factor 0.63**).

## **9. Regular Reviewer for the following journals:**

- Italian Journal of Pure and Applied Mathematics
- Journal of Fixed Point Theory and applications

## **10. Teaching Experience:**

1. Calculus I
2. Calculus II
3. Calculus III
4. Ordinary Differential Equations
5. Linear algebra (I)
6. Linear algebra (II)
7. Matrix theory

8. Real analysis (I and II)
9. Special functions
10. Complex analysis
11. Topology (I and II)

## **11. Academic Activities:**

1. A coordinator of pure mathematics courses for several times in The Hashemite University.
2. Member in many committees in the faculty of science in The Hashemite University.
3. The effectiveness of teaching (89%)

## **12. Training Courses:**

- **Feb 2005~Apr 2005** : International Computer Driving License (ICDL), Jordan
- **Jun 2008~May 2008** : English Proficiency Course for Postgraduate Student, Jordan
- **Nov. 2008** : Latex Workshop , Jordan
- **October 6~15** : Learning Management System, Virtual Class Room, Class Capturing System, Authoring Tool , E-Learning Center at The Hashemite University
- **2000~2001** : Variety of Methods for Teaching Mathematics, UAE

## **13. References:**

1. Prof. Fuad A. Kittaneh, Department of Mathematics, The university of Jordan, Jordan, E-mail: [fkitt@ju.edu.jo](mailto:fkitt@ju.edu.jo)
2. Prof. Dr. Wasfi Shatanawi: Hashemite University, Email: [swasfi@hu.edu.jo](mailto:swasfi@hu.edu.jo)
3. Dr. Abdullah Tallafha, Jordan University, Email: [atallafha@hotmail.com](mailto:atallafha@hotmail.com)