

# Curriculum Vitae

## **1. Personal Information:**

- Name in full: Wasfi Ahmed Shatanawi.
- Sex: Male.
- Date of Birth: Dec 1, 1971.
- Place of Birth: Al-Sarih-Irbid/Jordan.
- Nationality: Jordanian.
- Marital Status: Married with one son and two daughters.

## **2. Current Professional Position:**

- Professor, Department of Mathematics, Hashemite University, Zarqa-Jordan.
- Professor, Department of Mathematics and general courses, Prince Sultan University University, Riyadh, KSA.
- Advisory board, China Medical University Hospital, China Medical University, Taichung, Taiwan.

## **3. Official Address:**

### **The First Official Address:**

- Dept. of Mathematics, Prince Sultan University, Saudi Arabia.
- E-Mail: wshatanawi@psu.edu.sa
- E-Mail: wshatanawi@yahoo.com
- Phone #: (00966)534435260

### **The Second Official Address:**

- Dept. of Mathematics, The Hashemite University, Zarqa - Jordan.
- E-Mail: swasfi@hu.edu.jo
- E-Mail: wshatanawi@yahoo.com
- Phone #: (00962)799724027

#### **4. Academic Qualifications:**

1. Ph.D., 2002, Department of Mathematics, Carleton University, Canada
  - (i) Degree of Specialization: Functional Analysis.
  - (ii) Title of Ph.D. Thesis: Generalized Sequence Spaces and Nuclearity.
  - (iii) Thesis advisor: C.K. Fong.
2. M.Sc., 1997, Department of Mathematics, Yarmouk University, Jordan.
  - (i) Degree of Specialization: Functional Analysis.
  - (ii) Title of M.Sc. Thesis: Decomposition Theorems in Köthe Spaces.
  - (iii) Thesis advisor: Dr. Abdullah Tallafha.
3. B.Sc., 1994, Department of Mathematics, Yarmouk University, Jordan.

#### **5. Research Interests:**

- Fixed Point Theory, Sequence Spaces, Nuclear Maps, Fuzzy Sets, Fuzzy Analysis, Approximation Theory.

#### **6. Languages:**

Arabic (Native) and English.

#### **7. Administration Work:**

1. Sept. 2013-August 2015, Dean, Faculty of Science, the Hashemite University
2. Sept. 2010-September 2013, Vice Dean, Faculty of Science, the Hashemite University
3. Sept. 2006- Sept. 2009., Chairman of Mathematics Department, Hashemite University, Zarqa-Jordan
4. During my work I participated in many committees on department level, college level, university level and community level

## **8. Academic Employment:**

- Sept. 2018-Up now, Advisory board, China Medical University Hospital, China Medical University, Taichung, Taiwan.
- Sept. 2015-Up now, Professor of Mathematics, Department of Mathematics and general courses, Prince Sultan University
- April 2013-Up now, Professor of Mathematics, Department of Mathematics, Hashemite University
- Sept. 2010-April 2013, Associate Professor of Mathematics, Department of Mathematics, Hashemite University
- Sept. 2009-Sept. 2010, Associate Professor, Department of Mathematics, Yarmouk University (Sabbatical Leave)
- Aug. 2008-Sept. 2009, Associate Professor, Department of Mathematics, The Hashemite University, Jordan.
- May 2003-Aug. 2008, Assistant Professor, Department of Mathematics, The Hashemite University, Jordan.
- Jan. 2002-May 2003, Instructor, Department of Mathematics, The Hashemite University, Jordan.
- Jan. 1999-Dec. 2001, Teaching Assistant, Department of Mathematics, Carleton University, Canada.
- Sept. 1997-Dec. 1998, Teaching Assistant, Department of Mathematics, The Hashemite University, Jordan.
- Aug. 1996-Aug. 1997, Teacher, Ministry of Education, Jordan.
- Sept. 1994-April 1996, Teaching Assistant, Department of Mathematics, Yarmouk University, Jordan.

## **9. H-Index:**

1. My h-index is 30 according to Scopus database
2. The total citations of my papers is 2747 according to Scopus database
3. My h-index is 28 according to ISI journals database
4. The total citations of my papers is 2598 according to ISI journals database
5. My h-index is 42 according to Google Scholar

6. My i10-index is 92 according to Google Scholar
7. The total citations of my papers is 5428 according to Google Scholar database

## **10. Academic Honors and Awards:**

1. The award of the highly cited researcher in the field of Mathematics for the year 2018 from Clarivate Analytic, Web of Science-ISI journal Website
2. The award of the highly cited researcher in the field of Mathematics for the year 2017 from Clarivate Analytic, Web of Science-ISI journal Website
3. The award of highly cited researcher in the field of Mathematics for the year 2016 according to Thomson Reuters (Clarivate Analytic now)-ISI journal Website
4. Highly cited researcher in the field of Mathematics for the year 2015 according to Thomson Reuters (Clarivate Analytic now)-ISI journal Website
5. The Distinguished Scholar Award of the Arab Fund Fellowship Program in 18th cycle.
6. Excellence in Research Certificate from Prince Sultan University during the period 2017-2018.
7. The award of the distinguished graduates of Yarmouk University, 2019. (Although I finished my Bachelor and master degrees in Mathematics in 1994 and 1997 respectively from Yarmouk university, In 2019 I got a distinguished graduates award from Yarmouk University)
8. One of the best Jordanian highly cited researchers among all fields in the Hashemite kingdom of Jordan according to University of Jordan ranking for several times  
([http : //ju.edu.jo/Lists/Ranking/Disp\\_form.aspx?ID = 66](http://ju.edu.jo/Lists/Ranking/Disp_form.aspx?ID=66))
9. The highly h-index researchers in Hashemite University according to Google scholar, Scopus and Thomson Reuters (ISI Journals).
10. Honored from the Hashemite University for Excellence in Scientific Research through the years 2014-2015 under the patronage of Faisal Al-Fayez.

11. Certificate and thanks letter for distinguished researcher from Prof. Kamal Aldeen Bani-Hanny, The president of the Hashemite University, 2014.
12. One of the best distinguished researchers among of Arab countries according to Arab Scientific Community Organization through the duration 2009-2013.
13. Certificate and thanks letter for cooperation and hardworking from Prof. Ahmed Abo Shemlh, Dean of faculty of Science, Hashemite University, 2009.
14. Certificate and thanks letter for cooperation and hardwork from Prof. Khaled Abo Alteen, Dean of faculty of Science, Hashemite University, 2008.
15. Appreciation certificate for cooperation and hardwork from the president of Hashemite University ,Hashemite university, 2007.
16. A scholarship from The Hashemite University to get a Ph. D. degree in Mathematics.
17. The Dewan and Rantna Deui Marwah Memorial Scholarship For excellence in Mathematics, School of Mathematics And Statistics, Carleton University, 2001.
18. Several certifications from the Hashemite University for excellence in teaching Mathematics.
19. Master's Scholarship, awarded annually to the Master students demonstrating exceptional quality of research, Department of Mathematics, Yarmouk University, 1995.
20. My rank in B. Sc. was the second one in the whole year of my graduation.
21. My rank in M. Sc. was the second one in the year of my graduation.

## **11. Teaching Experience:**

1. Calculus I
2. Calculus II
3. Calculus III
4. Discrete Mathematics (for Computer Science students)
5. Ordinary Differential Equations

6. Partial Differential Equations
7. Real Analysis I
8. Real Analysis II
9. Real Analysis III
10. Complex Analysis I
11. Set Theory
12. Mathematics for engineering
13. Linear Algebra
14. Functional Analysis
15. Mathematical Software (MATLAB)
16. Advanced course(Fuzzy sets)

## **12. Editorial Board:**

1. Editor of the Journal "Journal of Intelligent and Fuzzy Systems".  
<https://www.iospress.nl/journal/journal-of-intelligent-fuzzy-systems>
2. Editor of the Journal "Demonstratio Mathematica".  
<https://www.degruyter.com/view/j/dema>
3. Editor of the Journal "Journal of Advanced Mathematical Studies".  
<http://www.journal.fairpartners.ro>
4. Editor of the Journal "Journal of Mathematical Analysis".  
<http://91.187.98.171/ilirias/jma/>
5. Editor of the Journal "The Journal of Nonlinear Science and Applications".  
<http://www.tjnsa.com>
6. Advisory board of the Journal "Jordan Journal of Mathematics and Statistics". From Sept. 2016-Sept. 2019  
<http://journals.yu.edu.jo/jjms/EditorialInfo/AdvisoryBoard.html>
7. Editor of the Journal "Transnational Journal of Pure and Applied Mathematics".  
<http://jyotiacademicpress.net>
8. Editor of the International Journal of Pure and Applied Mathematical Sciences (IJPAMS)  
<http://www.ripublication.com/ijpams.htm>

9. Editor of International Journal of Applied Mathematical Sciences (JAMS)  
<http://www.ripublication.com/jams.htm>
10. Editor of the Global Journal of Mathematics and Mathematical Sciences (GJMMS)  
<http://www.ripublication.com/gjmms.htm>
11. Editor of Kari Research Journal  
<http://www.krjournal.in>
12. Editor of Journal of Advances in Mathematical Analysis and Applications (JAMAA)  
<http://jamaa.ineseg.org/>
13. Editor of Journal of Pure and Applied Mathematics  
<https://www.pulsus.com/journal-pure-applied-mathematics.html>
14. Editor of Results in Fixed Point Theory and Applications  
<http://www.researchinthefixedpointtheory.com/>

### **13. PARTICIPATION IN MAJOR COMMITTEES**

#### **1. Society Level**

- Member of Scientific Committee of the International Conference on Recent Advances in Pure and Applied Mathematics ICRAPAM, 2020, Turkia.
- Member of International Advisory Committee of International Conference on Functional Materials and Simulation Techniques-ICFMST-2019  
<http://www.cuchd.in/icfmst/#>
- Member of King Faisal International Prize committee for Science, 2017, Kingdom Saudi Arabia.
- Corrector and Evaluator for Mawhiba Exams, 2018, Kingdom Saudi Arabia.
- Supervision and guidance to rewrite books in Mathematics for grades 4,5,6, 9 and 10 at Ministry of Education/Jordan for academic year 2014/2015.
- Member of some defense exam committees for master theses in Mathematics at Yarmouk University, JUST University and Al Al-Bayt University.
- Member of proficiency test committee in the Ministry of Higher Education, Jordan, 2006.
- Referee for some Science journals in Mathematics.

- Member of the adoption committee to adopt the Bachelor degree of mathematics program at the Philadelphia University, 2012.
- Session chair in international conference on sciences (ICS-AABU-UKM-2012), Nov. 20-22, 2012.

## 2. Hashemite University and Prince Sultan University Level:

- Member of accreditation committee at Prince Sultan University, 2015.
- Member of Exam Committee at Prince Sultan University, Sept. 2015-Sept. 2017.
- Member of the University Council as Faculty of Science representative at Hashemite University (from Sept. 2011-up to Aug. 2015).
- Member of the Council of Studies, Consultations and Community Services at Hashemite University (from Sept. 2011-up to Aug. 2015).
- Member of Promotion Committee at Hashemite University (From Sept. 2013-Aug. 2015)

## 3. College Level:

- Chairman of Rector Teaching Award in the Deanship of Educational Services at Prince Sultan University, 2017.
- Member of the Council of the College of Science and Arts as the Chairman of the Mathematics Department at Hashemite University (from Sept. 2006- Sept. 2009).
- Member of the Council of the College of Science and Arts as the Vice Dean of Faculty of Science at Hashemite University (from Sept. 2009 - Sept. 2013).
- Member of Scientific Research Council Committee at Hashemite University (from Sept. 2011-Aug. 2015).
- Member of the Degree Plan committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Chairman of the Degree Plan committee at Hashemite University (from Sept. 2010- Aug. 2015).
- Member of the Appointment and Promotion committee at Hashemite University (from Sept. 2006- Sept. 2009 and Sept. 2010- Aug. 2015).
- Member of Scientific research Committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Chairman of Scientific research Committee at Hashemite University (from Sept. 2011- Aug. 2015).
- Member of the Graduate Students Affairs committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Chairman of the Graduate Students Affairs committee at Hashemite University (from Sept. 2010- Aug. 2015).



- Member of Examinations and Schedules Committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Chairman of Examinations and Schedules Committee at Hashemite University (from Sept. 2011- Aug. 2015).
- Member of the Library committee at Hashemite University (from Sept. 2006- Sept. 2009).

#### 4. Department Level:

- Member of the department Council at Prince Sultan University (from Sept. 2015-Up to now)
- Member of research Committee in the Department of Mathematics at Prince Sultan University (From Sept. 2015- Up to now).
- Member of Scientific Research Committee at Hashemite University (from Sept. 2002- Sept. 2006 and from Sept. 2010-Sept. 2011).
- Chairman of Scientific Research Committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Member of the Degree Plan committee at Hashemite University (from Sept. 2002- Sept. 2006 and from Sept. 2010- Sept. 2011).
- Chairman of the Degree Plan committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Member of the Library committee at Hashemite University (from Sept. 2002- Sept. 2006 and from Sept. 2010- Sept. 2011).
- Chairman of the Library committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Member of the Appointment and Promotion committee at Hashemite University (from Sept. 2002- Sept. 2006 and Sept. 2010- Sept. 2011).
- Chairman of the Appointment and Promotion committee at Hashemite University (from Sept. 2006- Sept. 2009).
- Member of Bachelor of Science Degree Plan committee at Hashemite University (from Sept. 2002- Sept. 2006 and Sept. 2010- Sept. 2011).
- Chairman of Bachelor of Science Degree Plan committee at Hashemite University (from Sept. 2006- Sept. 2009).

## 14. Reviewers for the Following Journals:

1. IEEE Access.
2. Open Mathematics
3. Journal of Intelligent and Fuzzy Systems.
4. Nonlinear Analysis: Modelling and Control.
5. Filomat.
6. International Journal of Applied and Computational Mathematics
7. Fixed Point Theory and Applications.
8. Applied Mathematics Letters.
9. Journals of Inequalities and Applications.
10. Mathematical and Computer Modelling.
11. Hacettepe Journal of Mathematics and Statistics.
12. Computer and Mathematics with Applications.
13. Nonlinear Analysis: Theory Method and Applications.
14. Applied Mathematics and Computations.
15. Matematieki Vesnik.
16. Applied Mathematics E - Note.
17. Applied Mathematics and Information Sciences.
18. Arabian Journal of Mathematics.
19. Cogent Mathematics & Statistics.
20. Differential Equations and Dynamical Systems.
21. General Mathematics.
22. International Journal of Mathematical Modelling and Numerical Optimization.
23. Journal of Advances in Mathematics and Computer Science.
24. Journal of Nonlinear Functional Analysis.
25. Mathematical Sciences.
26. Mathematics.

27. Journal of Fasciculi Mathematici.
28. Jordan Journal of Mathematics and Statistics.
29. Kyungpook Mathematical Journal.
30. Abstract and Applied Analysis.
31. Journal of Mathematical Analysis.
32. Journal of Advanced Mathematical Studies.
33. Thai Journal of Mathematics.
34. Journal of Nonlinear Science and Applications.
35. SpringerPlus.
36. The Bulletin of the Allahabad Mathematical Society (BAMS).
37. Jordan Journal of Mathematics and Statistics.

## **15. Database Riverwers:**

Mathematical Reviews/MathSciNet

## **16. Responsibilities:**

1. Reviewer for Almarai Prize for creative work, 2018.
2. Corrector and Evaluator for Mawhiba Exams, 2018, Kingdom Saudi Arabia
3. External examiner for many international promotion for associate and full professorship positions
4. Supervision and guidance to write books in Mathematics for grades 4,5,6, 9 and 10 at Ministry of Education/Jordan
5. Member of some defense exam committees for master theses in Mathematics at Yarmouk University and JUST University.
6. Member in proficiency test committee in the ministry of higher education, Jordan, 2006.
7. Referee for some Science journals in Mathematics.
8. The chairman of the Mathematics Department since fall term 2006/2007 till summer term 2008/2009.

## **17. Supervisor for the Following Master and Ph.D Theses:**

1. Some Fixed Point Theorems Through  $\Omega$ -Distance, Master thesis by Anwar Bataihah (Irbid National University, 2015), Supervisor Prof. Dr. Wasfi Shatanawi.

We published the following papers from the ideas of this thesis:

- (a) K. Abodayeh, A. Bataihah and W. Shatanawi, Generalized  $\Omega$ -distance mappings and some fixed-point theorems, U.P.B. Sci. Bull., Series A, 79 (2),1120, (2017)
- (b) K. ABODAYEH, W. SHATANAWI, A. BATAIHAH, A.H. ANSARI, Some Fixed Point and Common Fixed Point Results Through  $\Omega$ -Distance Under Nonlinear Contractions, GU J Sci 30(1): 293302 (2017)
- (c) K. Abodayeh, W. Shatanawi, A. Bataiha, Fixed Point Theorem Through  $\omega$ -distance of Suzuki Type Contraction Condition, Gazi University Journal of Science, 29(1):129133 (2016)
- (d) Shatanawi, W., Bataihah, A., Pitea, A, Fixed and common fixed point results for cyclic mappings of  $\Omega$ -distance, Journal of Nonlinear Science and Applications, 9, 727735 (2016)

2. On b-Metric Spaces and Some Fixed Point Theorems, Master thesis by Mohamad Bani Hani (Irbid National University, 2015), Supervisor Prof. Dr. Wasfi Shatanawi.

We published the following papers from this thesis:

- (a) W. Shatanawi, M. Bani Hani, A coupled fixed point theorem in b-metric space, International Journal of Pure and Applied Mathematics, 109 (4) 2016, 889897
- (b) W. Shatanawi, M. Bani Hani, A fixed point theorem in b-metric spaces with nonlinear contractive condition, Far East Journal of Mathematical Sciences, 100 (11), 19011908 (2016)

3. Fixed Point Theorems For Contractive Mappings on Various Spaces, Ph.D thesis by Habes Alsmir (Universiti Kebangsaan Malaysia Bangi, 2017), Supervisor Prof. Dr. M. Noorani and Co supervisor Prof. Dr. Wasfi Shatanawi)

We published the following papers from this thesis:

- (a) H. Alsamir, M. S. Md Noorani, and W. Shatnawi, Some fixed point theorems for  $(\alpha, \psi, \phi)$ -contractive multivalued mappings in b-metric spaces. The 2016 UKM FST postgraduate colloquium AIP Conf. Proc. 2016 1784, 050008 (2016), doi: 10.1063/1.4966827 (ISI)

- (b) W. Shatanawi, M. Noorani, H. Alsamir and A. Bataihah, Fixed and common fixed point theorems in partially ordered quasi-metric spaces. *J. Math. Computer Sci.* 16 (2016), 516-528. (IF=1.34). (ISI)
- (c) H. Alsamir, M. Noorani, W. Shatanawi, F. Shaddad, Generalized Berinde-type  $(\eta, \zeta, \vartheta, \theta)$ -contractive mappings in b-metric spaces with an application, *J. Mathematical Anal.* 7 Issue 6(2016) 1-12. (ISI)
- (d) H. Alsamir, M. Noorani, W. Shatanawi, On fixed points of  $(\eta, \theta)$ -quasi contraction mappings in generalized metric spaces. *J. Nonlinear Sci. Appl.* 9 (2016), 4651-4658. (IF=1.34). (ISI)(Q.1)
- (e) H. Alsamir, M. S. M. Noorani, W. Shatanawi, On new fixed point theorems for three types of  $(\alpha, \beta) - (\psi, \theta, \phi)$ -multivalued contractive mappings in metric spaces. *Cogent Mathematics*, 3(1), 1257473. <https://doi.org/10.1080/23311835.2016.1257473>
- (f) W. Shatanawi, M. Noorani, J. Ahmad H. Alsamir and M. Kutbi, Some common fixed points of multivalued mappings on complex-valued metric spaces with homotopy result. *J. Nonlinear Sci. Appl.* 10 (2017), 33813396. (IF=1.34). (Q.1)
- (g) H. Alsamir, M. Noorani, W. Shatanawi, K. Abodyah, Common fixed point results for generalized  $(\psi, \beta)$ -Geraghty contraction type mapping in partially ordered metric-like spaces with application, *Filomat* 31.17 (2017). (ISI)(Q.2)
- (h) H. Alsamir, M. Noorani, W. Shatanawi, Fixed point results in  $\alpha - \eta$ -complete metric spaces with w-distance, *Applied and Computational Mathematics* (under review).

## **18. External Examiners for the Following Master and Ph.D Theses:**

1. Study of Fixed Point Theorems in Fuzzy Metric Spaces and their Applications (2017), Maharishi Markandeshwar University MAHARISHI (India), Ph.D thesis by Ms. Ashima Kanwar.
2. Fixed point in semi-linear uniform spaces (2017), University of Jordan, Ph.D thesis by Amani Rawshdeh
3. New Results in Fixed Point Theory and Multitime Optimal Control (2015), Ph.D thesis, University Politehnica of Bucharest (Romania) by Simona Dinu under supervision Prof. Constantin Udriste
4. Certain Function Spaces in the Context of Oscillatory Integrals, Yarmouk University (2015), Master thesis by Malak Lafi under supervision Prof. Ahmed Al-Salman and Prof. Abdulla Al-Jarrah

5. A common Fixed Point in Complete Metric Space, University of Jordan (2014), Master thesis by Najlaa Meriki under supervision Dr. Abdullah Tallafha
6. Some Properties of two Subclasses of Analytic Functions, Al Al-Bayt University (2012), Master thesis by Raed Eid Sleman under supervision Dr. Basem Frasin
7. The Theta-Complete Graph Ramsey Number  $r(\theta_6, K_5)$ , Yarmouk University (2012), Master thesis by Nussiba Al-Hazeem under supervision Dr. Mohammed Bataineh
8. Starlikeness and Convexity for Analytic Functions, Al Al-Bayt University (2012), Master thesis by Ali Aatom under supervision Dr. Basem Frasin
9. Some Properties of Analytic Functions of Complex Order, Al Al-Bayt University (2011), Master thesis by Ala'a Al-Shdifat under supervision Dr. Basem Frasin
10. ON Ramsey Numbers, Yarmouk University (2011), Master thesis by Anas Al-Masarwah under supervision Prof. Ahmed Al-Rhayyel
11. Edge Maximal Wheel Free Graph, Yarmouk University (2011), Master thesis by Abeer Jaradat under supervision Prof. Ahmed Al-Rhayyel
12. On Cycle-Complete Graphs Ramsey Numbers, Yarmouk University (2011), Master thesis by Lewa Al-Zaleq under supervision Dr. Mohammed Jaradat
13. On Edge maximal non-bipartite graphs without  $\theta_{2k+1}$ , Yarmouk University (2011), Master thesis by Ezzhar Al-Shboul under supervision Dr. Mohammad Bataineh
14. Uniformly Dominated Sets of  $p$ -Summing Operators, Yarmouk University (2010), Master thesis by Yusuf Al-Rashdan under supervision Dr. Sharifa Al-Sharif.
15. The Basis Number of the Strong Product of Cycles and Ladders, Yarmouk University (2009), Master thesis by Al-Hakam Al-Shaikh Qassim under supervision Dr. Ahmad A. Al-Rhayyel.
16. Some Applications of Graph Theory in Boolean Algebra, Yarmouk University (2008), Master thesis by Samer Al-Okaily under supervision Dr. Mohammad Shakhatreh.
17. Some Results on Orlicz Spaces of Entire Sequences, Al al-Bayt University (2008), Master thesis by Shaher Alsharo under supervision Dr. Ahmad Bataineh .

18. Fuzzy Measure and Fuzzy Integral, Yarmouk University (2008), Master thesis by Osama Jada under supervision Dr. Mohamad Shakhatreh.
19. On Wavelet Bases, Jordan University of Science and Technology (2006), Master thesis by Alia Obeidat under supervision Dr. Sofian Obeidat.
20. On Frame Theory in Hilbert Spaces, Jordan University of Science and Technology (2006), Master thesis by Lama Khazaleh under supervision Dr. Sofian Obeidat.
21. On the Unitary Group Automorphisms of Some Von Neumann Algebras, Jordan University of Science and Technology (2006), Master thesis by Oqlah Al-Refai under supervision Dr. Ahmed Al-Rawashdeh.
22. Nonlinear Approximation and Modulation Spaces, Jordan University of Science and Technology (2005), Master thesis by Sa'ud Al-Sa'di under supervision Dr. Salti Samara.
23. Local Fourier Basis and Ultra Modulation Spaces, Jordan University of Science and Technology (2005), Master thesis by Fadi Hasan under supervision Dr. Salti Samara.
24. On  $L^p$  Estimates for a Singular Integral Operators with a Rough Kernel on Product Spaces, Yarmouk University (2004), Master thesis by Mohammad Hamadneeh under supervision Dr. Has-sain Al-Qassem.

## **19. List of Published and Accepted Papers:**

1. Wasfi Shatanawi, Anwar Bataihah and Abdalla Tallafha, Four-Step Iteration Scheme to Approximate Fixed Point for Weak Contractions, Computers, Materials & Continua CMC, vol.64, no.3, pp.1491-1504, 2020
2. WASFI SHATANAWI, ISHAK ALTUN, AND HACER DAG, FIXED POINT RESULTS FOR MULTIVALUED MAPPINGS OF ĆIRIĆ TYPE VIA F-CONTRACTIONS ON QUASI METRIC SPACE, Open Mathematics 2020; 18: 284294
3. Wasfi Shatanawi, Muhammad Shoaib Arif, Ali Raza, Muhammad Rafiqe, Mairaj Bibi, Javeria Nawaz Abbasi, STRUCTURE PRESERVING DYNAMICS OF STOCHASTIC EPIDEMIC MODEL WITH THE SATURATED INCIDENCE RATE, Computers, Materials & Continua CMC, vol.64, no.2, pp.797-811, 2020
4. Anwar Bataihah, Wasfi Shatanawi, Tariq Qawasmeh and Raed Hatamleh, On  $\mathcal{H}$ -Simulation Functions and Fixed Point Results in the Setting of  $\omega t$ -Distance Mappings with Application on Matrix Equations, Mathematics 2020, 8, 837; doi:10.3390/math8050837

5. M.H.T. Alshbool, W. Shatanawi, I. Hashim and M. Sarr, Residual Correction Procedure with Bernstein Polynomials for Solving Important Systems of Ordinary Differential Equations, *Computers, Materials & Continua CMC*, vol.64, no.1, pp.63-80, 2020
6. Vishal Gupta, Wasfi Shatanawi and Ashima Kanwar, Coupled Fixed Point Theorems Employing CLR-Property on V-Fuzzy Metric Spaces, *Mathematics* 2020, 8, 404; doi:10.3390/math8030404
7. Wasfi Shatanawi, BEST PROXIMITY POINT UNDER THE FRAME OF QUASI-PARTIAL METRIC SPACES, *U.P.B. Sci. Bull., Series A*, Vol. 82, Iss. 1, 2020
8. Katarina Kukić, Wasfi Shatanawi and Milanka Gardasević-Filipović, KHAN AND ĆIRIĆ CONTRACTION PRINCIPLES IN ALMOST b-METRIC SPACES, *U.P.B. Sci. Bull., Series A*, Vol. 82, Iss. 1, 2020
9. Bataihah, A., Tallafha, A., Shatanawi, W., Fixed point results with  $\Omega$ -distance by utilizing simulation functions, *Italian Journal of Pure and Applied Mathematics* 43, pp. 185-196 (2020)
10. Anwar Bataihah, Wasfi Shatanawi and Abdalla Tallafha, FIXED POINT RESULTS WITH SIMULATION FUNCTIONS, *Nonlinear Functional Analysis and Applications* Vol. 25, No. 1 (2020), pp. 13-23
11. Wasfi Shatanawi, Kamaleldin Abodayeh, FIXED POINT RESULTS FOR MAPPINGS SATISFYING CONTRACTIVE CONDITIONS BUILD ON COUPLED- $\alpha$ -ADMISSIBILITY, *International Journal of Applied Mathematics*, Vol. 33 No. 2 2020, 211-226
12. Wasfi Shatanawi, Vishal Gupta, Ashima, Kanwar, New results on modified intuitionistic generalized fuzzy metric spaces by employing E.A property and common E.A property for coupled maps, *Journal of Intelligent & Fuzzy Systems* 38 (2020) 30033010 DOI:10.3233/JIFS-190541
13. Wasfi Shatanawi, Zoran D. Mitrovic, Nawab Hussain and Stojan Radenovic, On Generalized HardyRogers Type  $\alpha$ -Admissible Mappings in Cone b-Metric Spaces over Banach Algebras, *Symmetry* 2020, 12, 81; doi:10.3390/sym12010081
14. W. Shatanawi, K. Abodayeh, Fixed and Common Fixed Point Results in G-Metric Spaces Which Cant be Obtained From Metric Spaces, *Bol. Soc. Paran. Mat.*, 38, 43-51 (2020)
15. W. Shatanawi, A. Bataihah, Remarks on G-metric spaces and related fixed point theorems, Accepted in *Thai Journal of Mathematics*.
16. W. Shatanawi, E. Karapinar, H. Aydi and A. Fulga, Wardoski Type Contractions With Applicatiopns on Caputo Type Nonlinear Fractional Differential Equations, *U.P.B. Sci. Bull., Series A*, Vol. 82, Iss. 2, 157-170 (2020)



17. K. Abodayeh, T. Qawasmeh, W. Shatanawi, A. Tallafha,  $\epsilon_\phi$ -contraction and some fixed point results via modified  $\omega$ -distance mappings in the frame of complete quasi metrics spaces and applications, International Journal of Electrical and Computer Engineering (IJECE) Vol. 10, No. 4, August 2020, pp. 3839–3853 ISSN: 2088-8708, DOI: 10.11591/ijece.v10i4.pp3839-3853
18. A. Mukheimer, N. Mlaiki, K. Abodayeh, W. Shatanawi, New theorems on extended b-metric spaces under new contractions, Nonlinear Analysis: Modelling and Control, Vol. 24, No. 6, 870-883 (2019)
19. H. Qawaqneh, Mohd Salmi Noorani, H. Aydi, W. Shatanawi, On Common Fixed Point Results for New Contractions with Applications to Graph and Integral Equations, Mathematics 2019, 7, 1082; doi:10.3390/math7111082
20. WASFI SHATANAWI, AND KAMALELDIN ABODAYEH, Fixed Point Results for Mapping of Nonlinear Contractive Conditions of  $\alpha$ -Admissibility Form, IEEE Access, 7, 50280–50286, 2019  
Digital Object Identifier 10.1109/ACCESS.2019.2910794
21. ERDAL KARAPINAR1, ARIANA PITEA, AND WASFI SHATANAWI, Function Weighted Quasi-Metric Spaces and Fixed Point Results, 7, 89026–89032  
DOI: 10.1109/ACCESS.2019.2926798
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## **20. Seminars And Conferences:**

1. Generalized Sequence Spaces and Nuclearity, Carleton University, Canada (2001).

2. A characterization of  $\lambda(A * B)$ -Nuclear Maps Where  $A$  and  $B$  are Power Sets of infinite Types, The Hashemite University, Jordan (2002).
3. Decomposition Theorems in Köthe Spaces, The Hashemite University, Jordan (2003).
4. On Quasi- $\lambda$ -Nuclearity, Second International Workshop on Matrix Analysis And Applications, USA (2006).
5. Homotopy Analysis Method for Solving a Nonlinear algebraic Equations, First Conference on Analysis, Computational Mathematics and Statistics, Lebanon (2008).
6. Monotone generalized nonlinear contractions in ordered  $G$ -metric spaces with application at second order differential equation, International conference on Sciences (ICS-AABU-UKM-2012), 2012.
7. Best proximity point on nonlinear contractive condition, 4<sup>th</sup> international conference on advancement in science and technology 2012 (iCAST 2012), 2012.

## 21. Projects:

1. Common Fixed Point Theory on Metric spaces Through the sabbatical year 2015/2016- This project supported by Hashemite University (Director Prof. Dr. Wasfi Shatanawi)

We got the following papers from this project:

- (a) W. Shatanawi, Fixed and Common Fixed Point for Mapping Satisfying Some Nonlinear Contraction in b-metric Spaces, Journal of Mathematical Analysis, 7 Issue 4 (2016), 1-12.
- (b) Wasfi Shatanawi, Georgeta Maniu, Anwar Bataihah, Feras Bani Ahmad, COMMON FIXED POINTS FOR MAPPINGS OF CYCLIC FORM SATISFYING LINEAR CONTRACTIVE CONDITIONS WITH OMEGA-DISTANCE, U.P.B. Sci. Bull., Series A, 79 (2), 11-20, (2017)

2. Nonlinear Analysis Method and Applied Mathematics-Prince Sultan University, Research group NAMAM group number-RG-DES-2017-01-17. We got the following papers from this project:

- (a) Arslan Hojat Ansari, Wasfi Shatanawi, C-class functions on fixed and common fixed point results for cyclic mappings of  $\psi$ -distance, Nonlinear Analysis: Modelling and Control, Vol. 22, No. 6, 739752, <https://doi.org/10.15388/NA.2017.6.1>
- (b) Habes Alsamir, Mohd Salmi Md Noorani, Wasfi Shatanawi, Kamal Abodayah, Common Fixed Point Results for Generalized  $(\psi, \theta)$ -Geraghty Contraction Type Mapping in Partially Ordered Metric-like Spaces with Application, Filomat 31:17 (2017), 54975509
- (c) W. Shatanawi, Fixed and common fixed point theorems in frame of quasi metric spaces under contraction condition based on ultra distance functions, Accepted in Nonlinear Analysis: Modelling and Control (2018).
- (d) W. Shatanawi, K. Abodayeh, Fixed and Common Fixed Point Results in  $G$ -Metric Spaces Which Can't be Obtained From Metric Spaces, Accepted in Bol. Soc. Paran. Mat (2018)
- (e) Wasfi Shatanawi and Kamaleldin Abodayeh, Common fixed point for mapping under contractive conditions and  $\alpha$ -admissibility, Nonlinear Functional Analysis and Applications , 23 (2), 247-257 (2018).
- (f) K. P. R. Rao, W. Shatanawi, G. N. V. Kishore, Kamaleldin Abodayeh and D. Ram Prasad, Existence and uniqueness of Suzuki Type result in  $S_b$ -metric spaces with application to integral equations, Nonlinear Functional Analysis and Applications, 23 (2), 225-245 (2018).

3. Grant UKM Grant GP-K005224 and Ministry of Education, Malaysia grant FRGS/1/2014/ST06/UKM/01/1 (Director Professor Dr. Mohd Salmi Md Noorani -Part of Fixed Point Theory) [Malaysia]

We got the following papers from this project:

- (a) H. Alsamir, M. S. Md Noorani, and W. Shatanawi, Some fixed point theorems for  $(\alpha, \psi, \phi)$ -contractive multivalued mappings in b-metric spaces. The 2016 UKM FST postgraduate colloquium AIP Conf. Proc. 2016 1784, 050008 (2016), doi: 10.1063/1.4966827 (ISI)
  - (b) W. Shatanawi, M. Noorani, H. Alsamir and A. Bataihah, Fixed and common fixed point theorems in partially ordered quasi-metric spaces. J. Math. Computer Sci. 16 (2016), 516-528.(IF=1.34).(ISI)
  - (c) H. Alsamir, M. Noorani, W. Shatanawi, F. Shaddad, Generalized Berinde-type  $(\eta, \zeta, \vartheta, \theta)$ -contractive mappings in b-metric spaces with an application, J. Mathematical Anal. 7 Issue 6(2016) 1-12.(ISI)
  - (d) H. Alsamir, M. Noorani, W. Shatanawi, On fixed points of  $(\eta, \theta)$ -quasi contraction mappings in generalized metric spaces. J. Nonlinear Sci. Appl. 9 (2016), 4651-4658. (IF=1.34).(ISI)(Q.1)
  - (e) H. Alsamir, M. S. M. Noorani, W. Shatanawi, On new fixed point theorems for three types of  $(\alpha, \beta) - (\psi, \theta, \phi)$ -multivalued contractive mappings in metric spaces. Cogent Mathematics, 3(1), 1257473. <https://doi.org/10.1080/23311835.2016.1257473>
  - (f) W. Shatanawi, M. Noorani, J. Ahmad H. Alsamir and M. Kutbi, Some common fixed points of multivalued mappings on complex-valued metric spaces with homotopy result. J. Nonlinear Sci. Appl. 10 (2017), 3381-3396. (IF=1.34).(Q.1)
  - (g) H. Alsamir, M. Noorani, W. Shatanawi, K. Abodyah, Common fixed point results for generalized  $(\psi, \beta)$ -Geraghty contraction type mapping in partially ordered metric-like spaces with application, Filomat, 31 (17), 5497-5509 (2017).
  - (h) H. Alsamir, M. Noorani, W. Shatanawi, Fixed point results in  $\alpha - \eta$ -complete metric spaces with w-distance, Applied and Computational Mathematics (under review).
4. Sectoral Operational Program for Human Resources Development 2007-2013; POSDRU/159/1.5/S/132395 - Doctoral and Postdoctoral Grants - InnoRESEARCH (Director Dr Cristiana Ionescu).[Romania]

We got the following papers from this project:

- (a) Shatanawi, W., Postolache, M., Mazur-Ulam theorem for probabilistic 2-normed spaces, Journal of Nonlinear Science and Applications, 8 (6), pp. 1228-1233 (2015)
- (b) Shatanawi, W., Pitea, A., Best Proximity Point and best Proximity Coupled Point in a Complete Metric Space with (P)-Property, Filomat, 29 (1), pp. 63-74 (2015)
- (c) Shatanawi W, Pitea A and Lazovic, Contraction conditions using comparison functions on b-metric spaces, Fixed Point Theory and Applications 2014, 2014:135 doi:10.1186/1687-1812-2014-135.



- (d) Wasfi Shatanawi, Mihai Postolache and Zead Mustafa, Tripled and coincidence fixed point theorems for contractive mappings satisfying  $\phi$ -maps in partially ordered metric spaces, *Analele Stiintifice ale Universitatii Ovidius Constanta-Matematica*, 22 (3), pp. 179-203 (2014)
- (e) Wasfi Shatanawi, Ariana Pitea, Fixed and coupled fixed point theorems of omega-distance for nonlinear contraction, *Fixed Point Theory and Applications*.2013, 2013:275, 1-16 DOI: 10.1186/10.1186/1687-1812-2013-275
- (f) Wasfi Shatanawi and Mihai Postolache, Common fixed point theorems for dominating and weak annihilator mappings in ordered metric spaces, *Fixed Point Theory and Applications* 2013, 2013:271, 1-16 doi:10.1186/1687-1812-2013-271
- (g) Wasfi Shatanawi, Ariana Pitea,  $\Omega$ -Distance and coupled fixed point in G-metric spaces, *Fixed Point Theory and Applications* 2013, 2013:208, 1-15, doi:10.1186/1687-1812-2013-208

## **22. Methodology:**

The teaching method I personally adopt can be summed up in the following:

First of all, at the beginning of each semester, I usually discuss with my students the plan of the course, including content, evaluation policy, course objectives and the relation between the current course and the previous courses.

In the classroom, I do my best to make myself as clear as possible and deliver the lecture in such a way that sounds both organized and logical. Sometimes, I motivate the students and arouse their interest by adducing real examples derived from practical life.

In each course, I ask the students to refer to adequate references for each course, and motivate them to get as much benefits as they can. Moreover, I motivate and help them think for themselves by making discussions and listening to their to opinions and answers by having a brainstorming activity.

My students are encouraged to freely express their ideas, ask questions and discuss different matters. When writing the exam questions, I make sure that these questions actually fit in with the course objectives and after the exam is finished, I discuss the exam problem in detail with the students.

I am very particular about the lecture time and consider it my top priority. I respect my students and treat them in a very kind manner. I teach them to discipline themselves and organize their time and ideas.

Finally, I strongly believe that a good instructor must be friendly, fair and firm.

## **23. References:**

1. Prof. Ali Alkarmi, Hashemite University, Email: karmi@hu.edu.jo

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