Curriculum Vitae

Samer Al Ghour, Ph.D.

Full Professor of Mathematics
Department of Mathematics and Statistics
Jordan University of Science and Technology
Irbid 22110, Jordan

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• Personal Data

– Position: Full Professor of Mathematics.
– Date of Birth: Sept. 25, 1971.
– Place of Birth: Irbid, Jordan.
– Sex: Male.
– Nationality: Jordanian.
– Marital Status: Married, five children.

• Academic History:

– Ph.D. in Mathematics (Topology), University of Jordan, Amman, Jordan Feb. 2000.
Title of Dissertation: Certain Covering Properties Related to Paracompactness.
– M.Sc. in Mathematics, Yarmouk University, Irbid, Jordan Sept. 1995. Title of Thesis:
Homogeneous Fuzzy Topological Spaces.
– B.Sc. in Mathematics, Yarmouk University, Irbid, Jordan June 1993.

• Academic Honors and Scholarships:

1. Earned the first place among students graduated with me in 1996.
2. Teaching assistant from Yarmouk University Jan. 1993- May 1995.

• Research Interests:

General Topology; Fuzzy topology.

• **Professional Experience**:

– Jan. 2014- present: Full Professor, Jordan University of Science and Technology, Jordan.
– Sept. 2009- Jan. 2014: Associate Professor, Jordan University of Science and Technology, Jordan.
– Sept. 2008- Sept. 2009: Sabbatical leave, Al albayt University, Jordan.
– First semester 2007-2008: Part time lecturer, Al Balqa Applied University, Jordan.
– Aug. 2007- Sept. 2008: Associate Professor, Jordan University of Science and Technology, Jordan.
– Feb. 2002 - Aug. 2007: Assistant Professor, Jordan University of Science and Technology, Jordan.
– First and second semesters 2001 - 2002: Part time Lecturer, Philadelphia University
, Jordan.
– Feb. 2000 - Feb. 2002 : Full time Lecturer, Jordan University of Science and Technology, Jordan.
– Feb. 1996 - Feb. 2000 : Full time Lecturer, Philadelphia University, Jordan.
– First semester 1995 - 1996: Part time Lecturer, Yarmouk University, Jordan.

• **Course Taught**:

Graduate Level:

- Math 761, (Topology)

Undergraduate Level:

- Math 101: (Calculus 1)
- Math 102: (Calculus 2)
- Math 102A (Mathematics for the Biological Sciences)
- Math. 140 (Linear Algebra 1)
- Math 201: (Intermediate Analysis)
- Math 203: (Ordinary Differential Equations)
- Math 245: (Set Theory and Logic)
- Math 301: (Advanced Calculus)
- Math 362: (Topology 1)
- Math 491: (Special Topics in Applied Mathematics)

• **Master Students Supervision:**

1. Almothana Azaizeh: *Homogeneous Fuzzy Bitopological Spaces*. Jordan University of Science and Technology, 2006.
2. Nahed Alkhatib: *On Some Generalizations of Homogeneity*. Jordan University of Science and Technology, 2007.
3. Safaa S. Al-mshaqbeh. *F-open sets with some related topological concepts*. Al al-Bayt University, 2010.
4. Sana Issa: *On Some Bitopological Concepts Via Omega Open Sets*. Jordan University of Science and Technology, 2011.

5. Rawia Al-Deiakeh: *On Types of Homogeneity in Generalized Topological Spaces.* Jordan University of Science and Technology, 2014.
6. Wafa Al-Zarir: *Omega Open Sets in Generalized Topological Spaces.* Jordan University of Science and Technology, 2014.
7. Abdullah Alhorani: *New Concepts of Bigeneralized Topological Spaces.* Jordan University of Science and Technology, 2015.
8. Abeer Al-Nimr, *Slight Continuity and Slight Omega Continuity Between Generalized Topological Spaces*. Jordan University of Science and Technology, 2016.
9. Enas Moghrabi, *Applications of Co-compact Open Sets*. Jordan University of Science and Technology, 2016.
10. Bayan Irshidat, *Theta omega closure operator and theta omega open sets*. Jordan University of Science and Technology, 2016.
11. Haneen Saleh, *Quasi N-Open sets in bitopological spaces and related continuity and covering concepts*. Jordan University of Science and Technology, 2017.
12. Kafa AL-Araideh, *Between Open Sets and Semi Open Sets*. Jordan University of Science and Technology, 2017.
13. Salma Issa, *Some theta omega topological concepts*. Jordan University of Science and Technology, 2018.

• Current Master Students Supervision:

Salma El-Essa

• Master Students Examining Committees:
Internal Examiner: 23

External Examiner: 14

• Committee Participations:

1. Scientific Research Committee 2002-2003, 2004-2005, 2007-2008, 2011-2012, 2013-2014, 2014-2015, 2017-2018.
2. Graduate Studies Committee 2007-2008, 2014-2015, 2015-2016, 2018-2019
3. Scholastic Plan Committee 2010-2011, 2012-2013.
4. Appointment and Scholarship Committee 2001-2002, 2002-2003, 2005-2006.
5. Committee of comprehensive exam to graduate students 2006-2007, 2007-2008.
6.   Marks Appeals Committee 2001-2002, 2002-2003, 2003-2004, 2011-2012, 2013-2014.
7. Course schedule and exams committee 2003-2004, 2004-2005, 2005-2006.
8. Organizing committee of the Tenth scientific day of the faculty of science and arts. 2006-2007.
9. Several Promotions Committees.

10. Several committees for evaluation of full time lecturers.

•Publications:

1. Samer Al Ghour and Khaled Abufarhan, L-open sets and L^*-open sets. *Songklanakarin Journal of Science and Technology*, In Press.
2. Samer Al Ghour. On several types of continuity and irresoluteness in L-topological spaces. *Kuwait Journal of Science* 45 (2018) no. 4, 9-14.
3. Samer Al ghour and Almothana Azaizeh. Fuzzy Homogeneous Bitopological Spaces. *International Journal of Electrical and Computer Engineering* 8 (2018) no. 6, 4619-4625.
4. Samer Al Ghour and Haneen Saleh. Quasi N-Open sets and related compactness concepts in bitopological spaces. *Proyecciones* 37 (2018) no. 3, 491-501.
5. Samer Al Ghour and Nahed Al Khatib. Characterizations of Slightly Homogeneous Spaces. *Information* 21 (2018) no. 2, 421-428.
6. Samer Al Ghour and Kafa Mansur. Between Open Sets and Semi-Open Sets. *Universitas Scientiarum* 23 (2018) no. 1, 9-20.
7. Samer Al Ghour. Theorems on Strong Paracompactness of Product Spaces. *Mathematical Notes* 103 (2018) no. (1-2), 54-58.
8. Samer Al Ghour, Rawia Al-Deiakeh. n-Homogeneous and LH Generalized Topological Spaces. *Iranian Journal of Science and Technology, Transactions A: Science* 42 (2018) no. 1, 73-79.
9. Samer Al Ghour, Three new weaker notions of fuzzy open sets and related covering concepts. *Kuwait Journal of Science* 44 (2017) no. 1, 48-57.
10. Samer Al Ghour and Bayan Irshidat. The Topology of Theta Omega Open Sets. *Filomat* 31 (2017) no. 16, 5369-5377.
11. Samer Al Ghour and Sana Issa. On Some Bitopological Separation Axioms. *Information* 20 (2017) no. 7, 4639-4646.
12. Samer Al Ghour and Abeer Al-Nimer. Preservation Theorems Concerning Compactness in Generalized Topological Spaces. *Information* 20 (2017) no. 4, 2273-2280.
13. Samer Al Ghour and Ahmad Al Omari**,** On the existence of the mild solution for semilinear nonlocal fractional Cauchy problem. *Journal of Nonlinear Sciences and Applications* 9 (2016) no. 5, 3348-3353.
14. Samer Al Ghour and Wafa Zareer. Omega open sets in generalized topological spaces. *Journal of Nonlinear Sciences and Applications* 9 (2016) no. 5, 3010-3017.
15. Samer Al Ghour and Ali Fora, On CDH Fuzzy Spaces. *Journal of Intelligent and Fuzzy Systems* 30 (2016) no. 2, 935-941.
16. Ahmad Al-Omari, Takashi Noiri and Samer Al Ghour. A topology

induced by weak structures due to Csaszar and ideals. *Analele Stiintice Ale Universitatii Al I Cuza Din Iasi-Serie Noua-Matematica* 61 (2015) no. 2, 355-366.

17. Samer Al Ghour, Ahmad Al-Omari, and Takashi Noiri, On homogeneity and homogeneity components in generalized topological spaces. *Filomat* 27 (2013) no. 6, 1097-1105.

18. Jamal Mustafa, Samer Al-Ghour and Khalid Al-Zoubi, Weakly *b-I*-open sets and weakly *b-I*-continuous functions. *Italian journal of pure and applied mathematics* 30 (2013), 23-32.

19. Samer Al Ghour and Sana Issa. On u-ω-Open and q-ω-Open Sets in Bitopological Spaces. *Missouri Journal of Mathematical Sciences* 24 (2012) no. 1, 37-53.

20. Khaled Bataineh, Sofian Obeidat, and Samer Al Ghour. Essentially copied topological spaces. *Mathematical Sciences Letters* 1 (2012) no. 2, 97-104.

21. Samer Al Ghour and Salti Samarah. Cocompact Open Sets and Continuity. *Abstract and Applied Analysis* 2012, Article ID 548612, 9 pages, 2012.

22. Samer Al Ghour and Almothana Azaizeh. Minimal open sets in bitopological spaces. *Questions and Answers General Topology* 29 (2011) no. 2, 105-112.

23. Samer Al Ghour and Nahed Al Khatib. On slight homogeneous and countable dense homogeneous spaces. *Matematički Vesnik* 63 (2011) no. 2, 133-144.

24. Samer Al Ghour. On maximal and minimal fuzzy sets in I-topological spaces. *International Journal of Mathematics and Mathematical Sciences* 2010, Art. ID 180196, 11 pp.

25. Khalid Al-Zoubi, Jamal Mustafa, and Samer Al-Ghour. On α-local finiteness and b-local finiteness. *Questions and Answers General Topology* 28 (2010) no. 1, 81-91.

26. Samer Al Ghour and Khalid Al-Zoubi. On some ordinary and fuzzy homogeneity types. *Acta Mathematica Universitatis Comenianae* 77 (2008) no. 2, 199-208.

27. Khalid Al-Zoubi and Samer Al-Ghour. On P_3-paracompact spaces. *International Journal of Mathematics and Mathematical Sciences* 2007, Art. ID 80697, 12 pp.

28. Samer Al Ghour. Local homogeneity in fuzzy topological spaces. *International Journal of Mathematics and Mathematical Sciences* 2006, Art. ID 81497, 14 pp.

29. Samer Al Ghour. Some generalizations of paracompactness. *Missouri Journal of Mathematical Sciences* 18 (2006), no. 1, 64-77.

30. Samer Al Ghour. Some generalizations of minimal fuzzy open sets. *Acta Mathematica Universitatis Comenianae* 75 (2006) no. 1, 107-117.

31. Samer Al Ghour, Khalid Al-Zoubi, and Ali Fora.

Semihomogeneous topological spaces. *Publications Mathematicae Debrecen* 67 (2005) no. 1-2, 131-143.

32. Samer Al Ghour. SLH fuzzy spaces. *African Diaspora Journal of Mathematics* 2 (2004) no. 2, 61-67.
33. Samer Al Ghour. Components and local prehomogeneity. *Acta Mathematica Universitatis Comenianae* 73 (2004) no. 2, 187-196.
34. Samer Al Ghour and Ali Fora. Minimality and homogeneity in fuzzy spaces. *Journal of Fuzzy Mathematics* 12 (2004) no. 3, 725-737.
35. Samer Al Ghour. Minimality and prehomogeneity. *Acta Mathematica Universitatis Comenianae* 72 (2003) no. 2, 237-244.
36. Samer Al Ghour. Homogeneity in fuzzy spaces and their induced spaces. *Questions and Answers General Topology* 21 (2003) no. 2, 185-195.
37. Samer Al Ghour. On the product of meta Lindelof spaces. *Far East Journal of Mathematical Sciences* 4 (2002) no. 3, 383-388.
38. Samer Al Ghour, Some modifications of paracompactness. *Far East Journal of Mathematical Sciences* 3 (2001) no. 5, 843-852.
39. Ali Fora and Samer Al Ghour. Homogeneity in fuzzy spaces. *Questions and Answers General Topology* 19 (2001) no. 2, 159-164.
40. Samer Al Ghour. On paracompact and D-spaces. *Journal of Institute of Mathematics and Computer Sciences. Mathematics series* 13 (2000) no. 3, 315-317.

• Attended Conferences:

- The Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, October 2018, Turkey.
- 1st International Conference on Mathematical and Related Sciences, April 2018, Turkey.
- The XIXth International Conference, Geometry, Integrability, and Quantization, June 2017, Bulgaria.
- Third international Conference on Recent Advances in Pure and Applied Mathematics, May 2016, Turkey.
- The 28th Congress of The Jangjeon Mathematical Society, May 2015, Turkey.
- The XVIth International Conference, Geometry, Integrability and Quantization, June 2014, Bulgaria.
- International Conference on Applied Analysis and Mathematical Modeling, June 2-5, 2013, Turkey.
- International Congress in Honour of Professor Hari M. Srivastava, August, 23-26, 2012, Turkey.

- CMS International Conference in Mathematical Sciences, November, 23-27, 2010, Turkey.
- Conference in Algebraic and Geometric Topology, June 9-13, 2008, Poland.
- Algebraic Topology: Old and New, June 18-24, 2007, Poland.
- Tenth scientific day of the Faculty of Science and Arts 2007.
- Ninth scientific day of the Faculty of Science and Arts 2006.
- Fifth scientific day of the Faculty of Science and Arts 2002.
- Fourth scientific day of the Faculty of Science and Arts 2001.

• Participation in Workshops:

• July 2-12, 2006. Title: e-Learning based on Moodle, 21 training hours. Jordan University of Science and Technology, Faculty of Computer and Information Technology.
• June 21-22, 2005. Title: A First Course in Mathematica, by Wolfram Education Group. Jordan University of Science and Technology, Irbid-Jordan.

• Review Activities: Reviewer to the following journals:

- American Mathematical Monthly.
- Computers and Mathematics with Applications.
- Italian Journal of Pure and Applied Mathematics.
- Soochow Journal of Mathematics.
- Jordan Journal of Mathematics and Statistics.
- Mathematical Reviews. (Reviewer)

• References:

1. Professor Hasan Hdeib, Department of Mathematics, University of Jordan.
2. Professor Fuad Kittaneh, Department of Mathematics, University of Jordan.
3. Professor Jamal Mustafa, Department of Mathematics, Al Albayt University.
4. Professor Abdallah Rababah, Department of Mathematics and Statistics, Jordan University of Science and Technology.
5. Professor Nabil Shawagfeh, Department of Mathematics, University of Jordan.
6. Professor Hasan Azzeh, Department of Mathematics, University of Jordan.