Curriculum Vitae

Dr. Anas Al-Masarwah

Assistant Professor of Pure Mathematics (Algebra)

E-mail: almasarwah85@gmail.com / anas_abs@yahoo.com

Personal Information

Full Name:	**Anas Mohammad Abdullah Al- Masarwah**
Address:	Al-Huson- Irbid- Jordan
Mobile:	00962-777985088
E-mail addresses:	almasarwah85@gmail.com & anas_abs@yahoo.com
Nationality	Jordanian
Date and Place of Birth:	19 .5 .1985 / Irbid – Jordan
Sex:	Male
Religion:	Islam
Marital Status:	Married - One Daughter and One Son
Languages:	Arabic (Native) and English

Websites

Research Gate: https://www.researchgate.net/profile/Anas_Al-Masarwah

Citations: **189** h-index: **7** i10-index: **7**

Google Scholar: https://scholar.google.com/citations?user=U_57x4cAAAAJ&hl=en

Citations: **219** h-index: **8** i10-index: **8**

Scopus: https://www.scopus.com/authid/detail.uri?authorId=57195293272

Citations: **92** h-index: **5**

ORCID: https://orcid.org/my-orcid

Academic Qualifications

Date:	**2017 – 2020**
Title of Qualification Awarded:	Ph.D. Degree in Mathematics
Name of Organisation:	National University of Malaysia (UKM) - Malaysia
Title of Thesis:	Subalgebras and Ideals in BCK/BCI-Algebras Based on Bipolar and m - Polar Fuzziness Structures
Advisor:	Prof. Abd Ghafur Ahmad
Field of Specialization:	Pure Mathematics – Algebra
Rating:	Excellent Rating

Date:	**2008 – 2011**
Title of Qualification Awarded:	M.Sc. Degree in Mathematics
Name of Organisation:	Yarmouk University - Jordan
Title of Thesis:	On Ramsey Numbers
Advisor:	Prof. Ahmed AL-Rhayyel
Field of Specialization:	Pure Mathematics - Combinatorics (Graph Theory)
Rating:	Very- Good Rating

Date:	**2004 – 2008**
Title of Qualification Awarded:	B.Sc. Degree in Mathematics
Name of Organisation:	Yarmouk University - Jordan
Field of Specialization:	Mathematics
Rating:	Good Rating

Date:	**2004**
Title of Qualification Awarded:	Secondary Certificate
Name of Organisation:	Ministry of Education - Jordan

Research Interests

My general research interests are in the areas of Pure Mathematics (Abstract Algebra). More specifically, my research interests can be summarized as follows:

- Algebraic Structures (BCK and BCI- Algebras; Semigroups; Ordered Semigroups).
- Algebraic Structures in Logic and Fuzzy Algebras.
- Logic and Foundation of Mathematics.
- Combinatorics (Graph Theory- Ramsey Numbers and Fuzzy Graphs).

Work Experience

• **Sept. 2021 – Present**	Assistant Professor, Department of Mathematics, Ajloun National University, Ajloun/ Jordan	
• **Aug. 2019 – Jun. 2021**	Mathematics Teacher, Arab Islamic Culture Schools & Kindergarten (AICSK)- Irbid/ Jordan	
• **Sept. 2011 – Sept. 2017**	Full-Time Lecturer, Department of Mathematics, Shaqra University - Saudi Arabia	
• **Jan. 2008 – Sept. 2011**	Mathematics Teacher, Ministry of Education - Jordan	

Editorial Board Member

- Associate Editor, Annals of Communications in Mathematics (ACM)

http://www.technoskypub.com/journal/acm/

Journal Referee Service

- Discrete Mathematics, Algorithms and Applications
- British Journal of Mathematics and Computer Science
- Journal of Mahani Mathematical Research Center
- Annals of Communications in Mathematics
- Bulletin of the Section of Logic
- Artificial Intelligence Review
- Punjab University Journal of Mathematics
- Fuzzy Information and Engineering
- Discussiones Mathematicae - General Algebra and Applications
- Journal of the Indonesian Mathematical Society
- Annals of Fuzzy Mathematics and Informatics

- Communications in Mathematics and Applications

- Applications and Applied Mathematics

- IETE Journal of Research

- European Journal of Pure and Applied Mathematics

- Sādhanā

- International Journal of Advanced and Applied Sciences

Computer Skills

- Typesetting Software: LaTeX, TeX, Microsoft Word

- Mathematical Software: Maple, Matlab

- ICDL: International Computer Driving License

Published and Accepted Papers

2021

1. **A. Al-Masarwah**, A.G. Ahmad, G. Muhiuddin and D. Al-Kadi, Generalized m-Polar Fuzzy Positive Implicative Ideals of BCK-Algebras. Journal of Mathematics, 2021: 2021, ID 6610009, 10 pages (**SCOPUS, SJR [Q3, I.F= 0.25], ISI Indexed [I.F= 0.971]**).

2. A. Alsubie and **A. Al-Masarwah**, MBJ-neutrosophic hyper BCK-ideals in hyper BCK-algebras, AIMS Mathematics, 6(6): 2021, 6107–6121. (**SCOPUS, SJR [Q3, I.F= 0.33], ISI Indexed [I.F= 1.427]**).

3. G. Muhiuddin, Ebtehaj N. Alenze , A. Mahboob and **A. Al-Masarwah**, Some new concepts on int-soft ideals in ordered semigroups. New Mathematics and Natural Computation,17(2), 2021, 267–279. **(SCOPUS, SJR [Q3, I.F= 0.30], ISI Indexed [ESCI])**.

4. A. Alsubie, **A. Al-Masarwah**, Y.B Jun and A.G. Ahmad, An Approach to BMBJ-Neutrosophic Hyper BCK-Ideals of Hyper BCK-Algebras. Journal of Mathematics, 2021: 2021, ID 5552060, 10 pages (**SCOPUS, SJR [Q3, I.F= 0.25], ISI Indexed [I.F= 0.971]**).

2020

5. **A. Al-Masarwah** and A.G. Ahmad, Subalgebras of type (α, β) based on m-polar fuzzy points in BCK/BCI-algebras. AIMS Mathematics, 5(2): 2020, 1035–1049. (**SCOPUS, SJR [Q3, I.F= 0.33], ISI Indexed [I.F= 1.427]**).

6. **A. Al-Masarwah** and A.G. Ahmad, Structures on doubt neutrosophic ideals of BCK/BCI-algebras under (S, T)-norms. Neutrosophic Sets and Systems, (33): 2020, 275-289 **(SCOPUS, SJR [Q3, I.F= 0.33], ISI Indexed [ESCI])**.

7. **A. Al-Masarwah**, A.G. Ahmad and G. Muhiuddin, Doubt $\mathcal{N}$-ideal theory in BCK-algebras based on $\mathcal{N}$-structures. Annals of Communications in Mathematics, 3(1): 2020, 54–62.

8. **A. Al-Masarwah**, Direct product of anti $\mathcal{N}$-H-ideals in BCK-algebras. Annals of Communications

in Mathematics, 3(4): 2020, 309–316.

9. **A. Al-Masarwah**, Subalgebras and ideals in BCK/BCI-algebras based on bipolar and *m*-Polar fuzziness structures, Ph.D. Thesis. National University of Malaysia Library, 2020.

2019

10. **A. Al-Masarwah** and A.G. Ahmad, *m*-Polar (α, β)-fuzzy ideals in BCK/BCI-algebras. Symmetry 11(1): 2019, 44 **(SCOPUS, SJR [Q2, I.F= 0.39], ISI Indexed [I.F= 2.713])**.

11. **A. Al-Masarwah** and A.G. Ahmad, On (complete) normality of *m*-pF subalgebras in BCK/BCI-algebras. AIMS Mathematics 4(3): 2019, 740–750 **(SCOPUS, SJR [Q3, I.F= 0.33], ISI Indexed [I.F= 1.427]).**

12. **A. Al-Masarwah** and A.G. Ahmad, *m*-polar fuzzy ideals of BCK/BCI-algebras. Journal of King Saud University-Science 31(4): 2019, 1220–1226 **(SCOPUS, SJR [Q1, I.F=0.57], ISI Indexed [I.F= 4.011])**.

13. **A. Al-Masarwah** and A.G. Ahmad, A new form of generalized *m*-PF ideals in BCK/BCI-algebras. Annals of Communications in Mathematics 2 (1), 11-16.

2018

14. **A. Al-Masarwah** and A.G. Ahmad, Novel concepts of doubt bipolar fuzzy H-ideals of BCK/BCI-algebras. International Journal of Innovative Computing, Information and Control 14(6): 2018, 2025-2041 **(SCOPUS, SJR [Q3, I.F= 0.33], ISI Indexed [ESCI]).**

15. **A. Al-Masarwah** and A.G. Ahmad, Doubt bipolar fuzzy subalgebras and ideals in BCK/BCI-algebras. Journal of Mathematical Analysis 9(3): 2018, 9-27 **(ISI Indexed [ESCI])**.

16. **A. Al-Masarwah** and A.G. Ahmad, On some properties of doubt bipolar fuzzy H-ideals in BCK/BCI-algebras. European Journal of Pure and Applied Mathematics 11(3): 2018, 652-670 **(SCOPUS, ISI Indexed [ESCI])**.

17. **A. Al-Masarwah** and M. Abu Qamar, Certain types of fuzzy soft graphs, New Mathematics and Natural Computation 14(2): 2018, 145-156 **(SCOPUS, SJR [Q3, I.F= 0.30], ISI Indexed [ESCI])**.

2016

18. **A. Al-Masarwah** and M. Abu Qamar, Some New Concepts of Fuzzy Soft Graphs, Fuzzy Information and Engineering 8(4): 2016, 427–438 **(SCOPUS, SJR [Q2, I.F= 0.43], ISI Indexed [ESCI])**.

2011

19. **A. Al-Masarwah**, On Ramsey Numbers, Master Thesis. Yarmouk University Library, 2011.

Conferences

1. **A. Al-Masarwah** and A.G. Ahmad, (*S, T*)-Normed doubt neutrosophic ideals of BCK/BCI-algebras. Proceedings of the 6th International Conference in Mathematics and Computations, Zarqa University, Jordan, April 24- 26, 2019.

2. **A. Al-Masarwah** and A.G. Ahmad, Some properties of *m*-polar $(\overline{\in}, \overline{\in} \vee \overline{q})$-fuzzy ideals in

BCK/BCI-algebras. Proceedings of the 19th Postgraduate Colloquium of the Faculty of Science and Technology, UKM, Malaysia, April 10- 12, 2019.

Submitted Papers

1. **A. Al-Masarwah** and A.G. Ahmad, A new interpretation of *m*-polar fuzzy subalgebras of BCK/BCI-algebras. Submitted, **2019**.
2. G. Muhiuddin, A. Mahboob and **A. Al-Masarwah**, New types of fuzzy soft subalgebras in BCK/BCI-algebras. Submitted, **2021**.
3. A. Alsubie, M. Abu Qamar, **A. Al-Masarwah**, and Y.B. Jun, Rough semigroups in connection with single valued neutrosophic ($\in, \in$)-ideals, Submitted, **2021**.

Trainings and Workshops

Trainings:

1. **ICDL** (Microsoft office - Word, Excel, Access, Power Point) Ministry of Education- Jordan, June 23, 2011.

Workshops:

1. "**Programs and Courses Reports**" in 29, October, 2011. From the University Vice Rectorate for Educational, Shaqra University- Saudi Arabia.
2. "**The First Self- Evaluation Program and University Award for Excellence**" in 25, December, 2012. From Vice Presidency for Development and Quality, Shaqra University- Saudi Arabia.
3. "**Academic Accreditation Standards**" in 31, October, 2016. From Vice Presidency for Development and Quality, Shaqra University- Saudi Arabia.
4. "**Essay Tests**" in 19, December, 2016. From Vice Presidency for Development and Quality, Shaqra University- Saudi Arabia.
5. "**Good and Bad Literature Review**" in 25, September, 2018. From the UKM Graduate Center- Malaysia.

Certificates of Publications, Reviews and Awards

- Certificate of review from **Annals of Fuzzy Mathematics and Informatics** for the article titled **"Some operations of anti-intuitionistic L-fuzzy soft b-ideals of BG-algebras"**, 2020.
- Certificate of review from **Annals of Fuzzy Mathematics and Informatics** for the article titled **"Tripolar fuzzy interior ideals and tripolar fuzzy soft interior ideals over semigroups"**, 2020.
- Certificate of publication from **symmetry** for the article titled **"m-Polar (α, β) -fuzzy ideals in BCK/BCI – algebras"**, 2019.
- Certificate of review from **British Journal of Mathematics and Computer sciences** for the article titled **"Fuzzy graceful labeling for complete bipartite graphs"**, 2016.

- Graduate on Time Award (GOT) certificate from the **National University of Malaysia (UKM), 2020.**

Professional and Academic Activities

- TOEFL ITB at Yarmouk University (LOCAL TOEFL).
- Member of the Program Quality and Academic Accreditation at Shaqra University.
- Quality Program Coordinator and Academic Accreditation of the Department of Mathematics at Shaqra University.
- Taught Mathematics on Blackboard System and MyLabsPLUS.
- Taught Mathematics using electronic platforms such as Microsoft Teams, Zoom and Fedena.

Courses Taught at University Level

Shaqra University: 2011- 2017

1.	Math 130	Fundamental of Mathematics (1) (Pre-Calculus)	B. Sc. level.
2.	Math 140	Fundamental of Mathematics (2) (Calculus I)	B. Sc. level.
3.	Math 212	Introduction to Integral Calculus (Calculus II)	B. Sc. level.
4.	Math 231	Differential and Integral Calculus (Advance Calculus)	B. Sc. level.
5.	Math 242	Linear Algebra	B. Sc. level.
6.	Math 239	Ordinary Differential Equation	B. Sc. level.
7.	Math 468	Graph Theory	B. Sc. level.
8.	CS 216	Discrete Mathematics for Computer Science.	B. Sc. level.
9.	Quan 101	The principles of Quantitative Methods (1)	B. Sc. level.
10.	Quan 121	Quantitative Methods (2)	B. Sc. level.
11.	Quan 211	Financial Mathematics	B. Sc. level.

References

1. **Professor Abd Ghafur Ahmad**. School of Mathematical Sciences, Faculty of Science and Technology Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor DE, Malaysia. Email: **ghafur@ukm.edu.my**

2. **Professor Ahmed Al-Rhayyel.** Department of Mathematics, Yarmouk University, Faculty of Science, Irbid – Jordan. Email: **Rhayyel@yu.edu.jo**

3. **Professor Mohammad Jaradat.** Department of Mathematics, Statistics and Physics, Qatar University, Doha 2713, Qatar. Email: **mmjst4@qu.edu.qa**

I hereby declare that the information provided in this C.V is true complete and correct to the best of my knowledge and belief.

Signature: Dr. Anas Al-Masarwah   *Date: September, 2021.*