



ANAS AL- MASARWAH



Al-Huson- Irbid- Jordan



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PROFILE

I am Anas Mohammad Al-Masarwah. I have received the B.Sc. and M.Sc. degrees in mathematics from Yarmouk University, Jordan, and the Ph.D. degree in mathematics from Universiti Kebangsaan Malaysia, Malaysia in Pure Mathematics, more specifically, in algebra and fuzzification of algebra. My mathematical research areas include algebras related to logic (BCK/ BCI- algebras, semigroups, and ordered semigroups), fuzzy logical algebras, algebraic structures, soft algebraic structures, hyper algebraic structures, logic, foundation of mathematics and combinatorics (graph theory, Ramsey numbers and fuzzy graphs).

Personal Data

Date of birth: June 19, 1985

Marital status: Married

Nationality: Jordanian

EDUCATION

- ◆ **PH.D** – Degree in Mathematics, Department of Mathematics, Faculty of Science and Technology, National University of Malaysia (UKM) - Malaysia (2020).
- ◆ **Master** - Degree in Mathematics, Department of Mathematics, Faculty of Science, Yarmouk University - Jordan (2011).
- ◆ **Bachelor** - Degree in Mathematics, Department of Mathematics, Faculty of Science, Yarmouk University - Jordan (2008).

WORK EXPERIENCE

- Dec. 2022 – Present: Assistant Professor, Head of Mathematics Department Ajloun National University, Ajloun/ Jordan.
- 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.
- Sept. 2012 – Sept. 2013: Part-Time Lecturer, Department of Mathematics, Saudi Electronic University - Saudi Arabia.
- Jan. 2008 – Sept. 2011: Mathematics Teacher, Ministry of Education – Jordan.

PROFESSIONAL ACTIVITIES

- Trainings:
- ICDL (Microsoft office - Word, Excel, Access, Power Point), Ministry of Education- Jordan, June 23, 2011.
- Practicing Academic Work in Universities and University Colleges, Yarmouk University, Dec. 16, 2022 – Dec. 21, 2022 (30 hours).



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PROFILE

. I have served as an expert referee for several SCOPUS and SCI journals, including Artificial Intelligence Review (Springer), Sādhanā (Springer), Fuzzy Information and Engineering (Taylor and Francis), Discrete Mathematics-Algorithms and Applications (Taylor and Francis), IETE Journal of Research (Taylor and Francis), Discussiones Mathematicae - General Algebra and Applications, Bulletin of the Section of Logic, AIMS Mathematics, etc. I have published a number of research papers in internationally reputed mathematical journals. I have participated in three conferences. I also have served as an Associate Editor of the journal Annals of Communication in Mathematics.

Regarding my teaching method in each academic year, it can be summarized as follows: Firstly, at the beginning of each semester, I usually discuss with my students the course description, including content, course information, textbook, references, course aims, course policy, evaluation, and the relation between the current course and the previous courses. In the classroom, I deliver the lecture in a way that appears organized and logical. In addition, I motivate the students and pique their interest by presenting real-world examples. Also, I motivate and help them to think for themselves by having discussions and listening to their opinions and answers by having a brainstorming activity. When writing the exam questions, I make sure that these questions fit in with the course aims and after the exam is finished, I discuss the exam questions in detail with the students. Finally, I am very particular about lecture times and make it my top priority. I respect and treat my students with kindness. I teach them how to discipline themselves and orga



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SKILLS

- Project management
- Strong decision maker
- Complex problem solver
- Creative design
- Innovative Ability to work under pressure and keeping team work spirit.

Languages

Arabic
English.

CONTINUED PROFESSIONAL ACTIVITIES

- English language Qualification Program, Yarmouk University, Jun. 20, 2022 – Jul. 31, 2022 (6-credit hours - One Semester).
- Workshops:
- “Programs and Courses Reports” in 29, October, 2011. From the University Vice Rectorate for Educational, Shaqra University- Saudi Arabia.
- “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.
- “Academic Accreditation Standards” in 31, October, 2016. From Vice Presidency for Development and Quality, Shaqra University- Saudi Arabia.
- “.Essay Tests” in 19, December, 2016. From Vice Presidency for Development and Quality, Shaqra University- Saudi Arabia.
- “.Good and Bad Literature Review” in 25, September, 2018. From the UKM Graduate Center- Malaysia.
- Certificates of Publications and Reviews:
- .Certificate of review from Hindawi journals, 2023.
- .Certificate of review from MDPI [Mathematics, Symmetry, Axioms and Fractal and Fractional], 2022.
- .Certificate of publication from symmetry for the article titled “Groups and structures of commutative semigroups in the context of cubic multi-polar structures”, 2022.
- Certificate of publication from Mathematics for the article titled “Algebraic perspective of cubic multi-polar structures on BCK/BCI-algebras”, 2022.
- 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.
- Practicing Academic Work Certificate from the Ministry of Higher Education, Jordan, 2022.



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CONTINUED PROFESSIONAL ACTIVITIES

- Other 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, Fedena and Moodle.
- .Arabic Proficiency Exam, Arabic Language Academy, 2022.
- 7.Associate Editor, Annals of Communications in Mathematics (ACM):
- <http://www.technoskypub.com/journal/acm/>

REFEREED INTERNATIONAL JOURNALS

1. Discrete Mathematics, Algorithms and Applications
2. British Journal of Mathematics and Computer Science
3. Journal of Mahani Mathematical Research Center
4. Annals of Communications in Mathematics
5. Bulletin of the Section of Logic
6. Artificial Intelligence Review
7. Punjab University Journal of Mathematics
8. Fuzzy Information and Engineering
9. Discussiones Mathematicae - General Algebra and Applications
10. Journal of the Indonesian Mathematical Society
11. Annals of Fuzzy Mathematics and Informatics
12. Communications in Mathematics and Applications
13. Applications and Applied Mathematics
14. IETE Journal of Research
15. European Journal of Pure and Applied Mathematics
16. Sādhanā
17. International Journal of Advanced and Applied Sciences
18. Mathematics
19. Symmetry
20. Axioms
21. Fractal and Fractional



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TEACHING EXPERIENCE

- Shaqra University: 2011- 2017.
- Math 130 Fundamental of Mathematics (1) (PreCalculus)
- Math 140 Fundamental of Mathematics (2) (Calculus I)
- Math 212 Introduction to Integral Calculus (Calculus II)
- Math 231 Differential and Integral Calculus (Advance Calculus)
- Math 242 Linear Algebra
- Math 239 Ordinary Differential Equation
- Math 468 Graph Theory
- CS 216 Discrete Mathematics for Computer Science.
- Quan 101 The principles of Quantitative Methods (1)
- Quan 121 Quantitative Methods (2)
- Quan 211 Financial Mathematics
- Ajloun National University: 2021- Present.
- Math 601101 Calculus I
- Math 601102 Calculus II
- Math 601211 Set Theory
- Math 601373 Mathematical Programming
- Math 601342 Number Theory
- Math 601341 Abstract Algebra I
- Math 601442 Abstract Algebra II
- Math 601241 Linear Algebra I
- Math 601441 Linear Algebra II
- Math 601745 Graph Theory (M.Sc.Level)