

Curriculum Vita



Irbid National University
Faculty of Science and information Technology
Department of Mathematics Fax: 7056681.
P.O.BOX: 2600 Irbid Jordan.

Current Professional Position

- Assistant professor of mathematics, Irbid National University, Faculty of Science and information Technology, Department of Mathematics (2017-until now).

Personal Information

Rank: Assistant professor of mathematics

Name: Abdallah Mohammad Fadel Al-Husban.

Marital Status: Married.
Nationality: Jordanian.

Place and Data of birth: Jordan - 01/02/1982.

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[AAD-8728-2022](https://orcid.org/0000-0002-1682-7809)

Academic Degree: Ph.D

Main Research Interests

- *Complex Fuzzy Algebra (complex fuzzy group, complex fuzzy ring and complex fuzzy ideal).*
- *Complex fuzzy Hyperalgebra (complex fuzzy hypergroup and complex fuzzy hyperring).*
- *Multi-Fuzzy Algebra (group, ring and ideal)*
- *Multi- fuzzy Hyperalgebra (hypergroup, hyperring and hyperideal).*

Academic Qualifications:

- B.Sc. Degree in Mathematics with good Rating
Faculty of Science, Zarqa University, Jordan. (2001-2005).
- M.Sc. in pure Mathematics with Very good Rating
Faculty of Science AL al-Bayt University, Jordan. (2006-2009). (**Abstract Algebra**).
- **PhD** in mathematics UKM, Faculty of Science and Technology, UKM. Malaysia (2013- 2016). (**Abstract Algebra**).

Professional Qualifications:

- Teacher of Mathematics for secondary and primary stages since (2005-2010).
- Work at the **University of Najran**. (2010-2011).
- Work at the **University of Imam Muhammad bin Saud Islamic University** (2011 to 2012).
- Work at the **Zarka National College** / preparatory year (2012-2013).
- Work at the **Irbid National University**, Faculty of Science and information Technology, Department of Mathematics (**2017- until now**).

RESEARCHES

- **Ph. D. Thesis: 2016.** *Complex Fuzzy Algebra and Complex Fuzzy Hyperalgebra.*
UKM. Library.
- **Advisor: Prof Dato's Dr. Abd ulrazak bin Sallh**
- **Master research (thesis): 2009.** *Groups with Cyclic Subgroups S-permutable.*
AL al-Bayt University. Library.

➤ **Advisor: Prof. Khaled Al-Sharo.**

Publications:

- [1] **Abdallah Al-Husban** & Abdul Razak Salleh. 2016. Complex fuzzy group based on complex fuzzy space. *Global Journal of Pure and Applied Mathematics*. Volume 12, Issue 2, Pages 1433-1450.
- [2] **Abdallah Al-Husban**, Abdul Razak Salleh, & Nasruddin Hassan. 2015. Complex fuzzy normal subgroup." THE 2015 UKM FST POSTGRADUATE COLLOQUIUM: Proceedings of the Universiti Kebangsaan Malaysia, Faculty of Science and Technology 2015 Postgraduate Colloquium. Vol. 1678. AIP Publishing 2015. Pages. 060008-060015.
- [3] **Abdallah Al-Husban** & Abdul Razak Salleh 2015. Complex fuzzy ring. Proceedings of *2nd International Conference on Computing, Mathematics and Statistics*. Pages. 241-245. Publisher: IEEE 2015.
- [4] **Abdallah Al-Husban** & Abdul Razak Salleh 2015. Complex Fuzzy Hyperring Based on Complex Fuzzy Spaces. Proceedings of *2nd Innovation and Analytics Conference & Exhibition (IACE)*. Vol. 1691. AIP Publishing 2015. Pages 040009-040017.
- [5] **Abdallah Al-Husban** & Abdul Razak Salleh. 2016. Complex fuzzy hypergroup based on complex fuzzy space. *International Journal of Pure and Applied Mathematics*. Volume 107. No. 4 Pages. 949- 958.
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- [6] **Al-Husban, A.**, Amourah, A., & Jaber, J. J. 2020. Bipolar complex fuzzy sets and their properties. Italian Journal of Pure and Applied Mathematics, N.(43) Pages (754–761).
- [7] Jaradat, A., & **Al-Husban, A.** 2021. The multi-fuzzy group spaces on multi-fuzzy space. J. Math. Comput. Sci., 11(6), 7535-7552.
- [8] **Abdallah Al-Husban.**2021. Multi-fuzzy hypergroups. Italian Journal of Pure and Applied Mathematics, N (46) Pages 382–390.
- [9] **Abdallah Al-Husban** and Jamal OudetAlah 2020. Intuitionistic fuzzy topological spaces on Intuitionistic fuzzy space Advances in Fuzzy Sets. 25 (1) Pages 25–36.
- [10] **Abdallah Al-Husban.** 2021. Fuzzy Soft Groups Based on Fuzzy Space WSEAS Transactions on Mathematics, ISSN / E-ISSN: 1109-2769 / 2224-2880, Volume 21, 2022, Art. #8, p.53-57.
- [11] Al-Husban, A. (2022). Bipolar Complex Intuitionistic Fuzzy Sets. Earthline Journal of Mathematical Sciences, 8(2), 273-280.
- [12] Yousif Saleh Ibrahim,¹ Yasser Muhammed,² Asaad T. Al-Douri,³ Muhammad Shahzad Faisal,⁴ Abdulsattar Abdullah H. Mohamad,^{5,6} Abdallah Al-Husban,^{7,8} and Mequanint Birhan Computational Intelligence and Neuroscience. Discovery of Knowledge in the Incidence of a Type of Lung Cancer for Patients through Data Mining Models

Languages:

- Arabic language: Native.
- English language: Very good in reading writing and speaking

Technical Skills:

- Training course for new teachers 2005, Ministry of education (Jordan)
- ICDL.
- Ms\ Windows, Microsoft word, Microsoft Office Power Point, Microsoft Excel, Internet and searching in the website. E-learning (Microsoft 365, Moodle).

Expert in: Foundation of mathematics, Set theory, Calculus I, Calculus II, Calculus III, Abstract Algebra I, Abstract Algebra II, Linear Algebra I, Linear algebra II, Euclidean and Non Euclidean Geometry. (Abstract Algebra and Fuzzy sets Master).

Thesis Supervised at Master Level:

1. Mohammad Alzboon. Complex fuzzy inverse semigroups based complex fuzzy spaces.
2. Mohammad Kan'an . Complex fuzzy regular semigroups.
3. Rashed Khashan. Intuitionistic Fuzzy Inverse Semigroups.
4. Mu'taz Ghazi Algharibeh. intuitionistic fuzzy regular semigroups

Was a committee member of the following theses:

1. Anas Alelaumi. A Stud on certain Classes of Univalent.
2. Dima Ahmad Abu suhyoun. Study of Lagrange Polynomials.
3. Atef Marwan Hlial. matrix functions and l'hospital's rule for matrix functions

Referees:

- Prof Dato's Dr. Abd ulrazak bin Sallh: Lecturer in Mathematics Department UKM aras@ukm.my.
- Jamil J Jaber Lecturer in Mathematics Department University of Jordan jameljaber2011@hotmail.com
- Iqbal H. Jebril, Lecturer in Department of Mathematics, Faculty of Science, King Faisal University, E mail: iqbal501@hotmail.com, ijebril@kfu.edu.sa.
- Khaled_Al-Sharo, Lecturer in Department of Mathematics. Al Albayt University, E mail: sharo_kh@yahoo.com.