

CURRICULUM VITAE

Maysoon Mustafa Mohammad Qousini

Department/Faculty: Faculty of Science &IT \ Math's department

Al-Zaytoonah University of Jordan, Amman, Jordan

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Nationality: Jordanian



Education

- [The University of Jordan] (Amman- Jordan), [PhD degree in the mathematics].
- [The University of Jordan] (Amman – Jordan), [Master Degree in mathematics].
- [Al Yarmouk University] (Irbid- Jordan),
- [Higher Diploma degree in ICT -Information And Communication Technology]
- [The University of Jordan] (Amman- Jordan), [BSC degree in the mathematics].

Ph.D. Dissertation

Results Concerning Some Generalized Covering Properties in Bitopological Spaces,
[The University of Jordan] (Amman- Jordan)

Employment

- A full-time lecturer at Al_Zaytoonah University \ Faculty of Science and Information Technology\ Department of Mathematics, 2014-2021 (Amman –Jordan)
- Assistance Doctor at Al_Zaytoonah University \ Faculty of Science and Information Technology\ Department of Mathematics, 2021- up to now (Amman –Jordan)



QF11/0110 - 3.0E

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Research Interests

Topology, Applied Mathematics, Numerical Analysis, Geometry, Real Analysis and Complex Analysis.

Teaching Experience:**Graduate Courses:**

Topology

Undergraduate Courses:

Math Foundations
 Calculus (1)
 Calculus (2)
 Calculus (3)
 Advanced Calculus
 Linear algebra (1)
 Statistics and Probability for AI students
 Numerical Analysis
 General Mathematics
 Discrete Mathematics
 Computerized Mathematical Applications
 Elementary Basics of Mathematics and Statistics.
 Statistics and Probability
 Selected Topics of mathematics
 Mathematical Modeling 1
 Euclidian Geometry
 Ordinary Differential Equations
 Fundamental of Mathematics
 Topology

Supervision of Graduate Research

- Zakrea mohmmad Rabab'h, Approximate Bayes Estimators of Laplace Distribution under Linex Loss Function, 2023
- Noor Abdelqader Mousa Alhussini, Properties of conformable fractional inverse Chi-square distribution, 2025
- Isra Basher Al-hadad, Some Properties of Compactness in Bitopological and Tritopological spaces, 2025.



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Committee membership

- Rapporteur of the Committee on Curricular and Extracurricular Activities in the College of Science (2018-2020)
- Rapporteur of the Cultural, Social and Sports Activities Committee in the Department of Mathematics - Faculty of Science (2016-2019)
- Quality file officer for the sixth and seventh standards at the College of Science and Information Technology (2018-2023)
- Rapporteur of Graduate Guidance and Follow-up Committee in the Department of Mathematics - College of Science and Information Technology (2017-2023)
- Member of Computing and Education Committee at the College of Science and Information Technology (2023 -2024)
- Member of the College of Science and Information Technology Council (2023-2024)
- Rapporteur of the Cultural, Social and Sports Activities Committee in the Department of Mathematics - Faculty of Science(2025-2024)
- Computing and Education Committee at the College of Science and Information Technology (2024 -2025)
- Quality File Officer in the Mathematics Department (2025-2026)

Professional and Scientific Meetings

- The 10th international conference on information technology, Advanced Machine Learning and Deep learning, held at Zaytoonah University of Jordan 14 and 15 August 2021
- The first scientific conference for postgraduate students in Jordanian universities, held at Al-Zaytoonah University of Jordan, 3 - 4 \ 5 \ 2023.
- The 11th international conference on information technology, Cybersecurity challenges for sustainable cities, held at Zaytoonah University of Jordan 9 and 10 August 2023.
- The 12th international conference on information technology, Innovation Technologies, held at Zaytoonah University of Jordan 27 to 30 May 2025.
- The 12th international conference on information technology, held at Zaytoonah University of Jordan, 2025.



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Participation in or organization of curricular and/or extra-curricular activities

- Community activist interested in volunteer work and community service.
- Volunteer in the We Are All Jordan Youth Authority.
- Member of the (Pioneers of Social Work Charitable Society)
- Member of the of the (Basmat Al-Mahabba Charitable Society)
- Creator and founder of a volunteer team of young men and women called: (عيشها غير عيشها للخير) from all governorates of Jordan since 2014, and we have many countless achievements in this field.

<https://web.facebook.com/3esha.gear>

- Holds more than 600 certificates in volunteer work and community service from various agencies and institutions in Jordan

- A certified international and local trainer, I have training experience with more than one institution and cultural awareness platform inside and outside Jordan.

-Some of the courses I have presented to the local and international community:

Al-Zaytoonah University of Jordan	Six Thinking Hats
Al-Zaytoonah University of Jordan	Time Management
Basmat Athar International Academy	Six Thinking Hats
Quwwa Center for Development	Development Modern Thinking Skills
ordanian Engineers Association	Six Thinking Hats
ordanian Engineers Association	Smart Goals
Al-Zaytoonah University of Jordan	Volunteering



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Tawzan International Foundation	Smart Goals
Amir Platform for Education	Training and Development Mind Maps in Thinking
Amir Platform for Education	Smart Goals
Tawzan International Foundation	21st Century Skills
Tawzan International Foundation	Volunteering
Tawzan International Foundation	Self-Management and Personal Planning
Al-Zaytoonah University of Jordan	The Importance of Goals and How to Set Them

Publications

- 1) Modified Adomian-Rach Decomposition Method for Solving Nonlinear Time-Dependent IVPs. Article in Applied Mathematical Sciences · January 2017 DOI: 10.12988/ams.2017.714
- 2) Results Concerning Some Generalized of Covering Properties in Bitopological Spaces. Turkish Journal of Computer and Mathematics Education, 2021- April.
- 3) Fixed Point Theorems in MR-metric Spaces Through Semi Compatibility, Advances in Mathematics: Scientific Journal. Jun 2021 10.37418/amsj.10.6.11
- 4) New soliton solutions and modulation instability analysis of fractional Huxley equation, 2022 – Dec
- 5) New analytical wave solitons and some other wave solutions of truncated M-fractional LPD equation along parabolic law of non-linearity, 2023 – May
- 6) Evaluation of the performance of fractional evolution equations based on fractional operators and sensitivity assessment, 2023 – May
- 7) Approximate Bayes Estimators of Laplace Distribution under Linex Loss Function, International Conference on Information Technology (ICIT), 2023.
- 8) A Brief Review for Separation Axioms in Bitopological Spaces, International Conference on Information Technology (ICIT), 2023.



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- 9) Nearly μ -Lindelöfness Via Hereditary Class, Tatra Mountains Mathematical Publications, February 2024
- 10) Applications of Locally Compact Spaces in Polyhedra: Dimension and Limits, WSEAS TRANSACTIONS ON MATHEMATICS, 2024-March
- 11) W_t - Distance over b - Metric Space, CHEBYSHEVSKII SBORNIK, March 2024
- 12) An enormous diversity of fractional-soliton solutions with sensitive prodigy to the Tzitzéica-Dodd-Bullough equation, Optical and Quantum Electronics, 2024-March
- 13) Strongly $D\alpha$ -closed graphs in bitopological spaces, International Journal of ADVANCED AND APPLIED SCIENCES, October 2024
- 14) Mathematical analysis of Zika virus transmission: exploring semi-analytical solutions and effective controls, Communications in Mathematical Biology and Neuroscience, October 2024
- 15) Exploring α - ψ - ϕ contractive mapping: novel fixed-point theorems in complete b -metric spaces, F1000Research, December 2024
- 16) Investigating topological spaces arising from commutative rings via associated zero divisor graphs: A holistic approach, Journal of Interdisciplinary Mathematics, May 2025.
- 17) Computing Dominating Number and Dominant Metric Dimension for Zero Divisor Graphs of Order at most 10 of Small Finite Commutative Rings, Boletim da Sociedade Paranaense de Matematica, Sep 2025
- 18) Some Results about Tri-Difference Paracompactness Theorems and Applications, Boletim da Sociedade Paranaense de Matematica, Sep 2025.
- 19) Dynamics and Stability of Soliton Structures for the Generalized Nonlinear Fractional $(3 + 1)$ -Dimensional Wave Model in Computational Physics, Fractal Fract, Dec 2025.