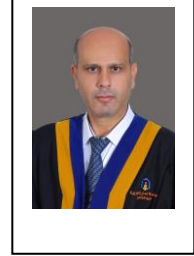Date: 23\1\2025

CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: **Tariq Ahmad Hasan Qawasmeh**
Academic Rank: Associate Professor
College: Art and Science
Department: Mathematics
Nationality: Jordanian
Address: Irbid-Som
Phone No: 0772-699-159
E-mail: t.qawasmeh@aau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Mathematical B.S. program-Department of Mathematics, Mutah university, from 1993-1997.
- M.Sc. in Mathematical M.Sc. program-Department of Mathematics, Yarmouk university, from 2013-2016.
- Project / theses title:
  "General Methods to Generate Fuzzy Equivalence Relations of the
  Form n*n Matrices"
- Ph.D. in Mathematical Ph.D program-Department of Mathematics, University of Jordan, from 2016-2020.
- Dissertation title:
  "Fixed and Common Fixed Point Theorems Based on Certain D"istance Functions

ACADEMIC EXPERIENCE

- Duration: One Semester 2019-2020
- University: University of Jordan
- Academic Rank: Part-time lecturer
- Date the rank was granted:
- The body granting the rank:

- College: Science
- Country: Jordan

- Duration: 4 years 2020-2024
- University: Jadara University
- Academic Rank: Assistant Professor
- Date the rank was granted: 10 February 2020
- The body granting the rank: Jadara University
- College: Science and information Technology
- Country: Jordan

- Duration: 6 months 2024
- University: Jadara University
- Academic Rank: Associative Professor
- Date the rank was granted: 11 March 2024
- The body granting the rank: Jadara University
- College: Science and information Technology
- Country: Jordan

Non-Academic Experience

- Duration:
- Institution:
- Department:
- Country:

Certifications or Professional Registrations

-
-

Current Membership in Professional Organizations

-
-

Honors and Awards

- None

Service Activities

-
-

The most Important Publications in last five years

1. Qawasmeh, T., Qazza, A., Hatamleh, R., Alomari, M. W., & Saadeh, R. (2023). Further accurate numerical radius inequalities. *Axioms, 12*(8), 801.

2. Qawasmeh, T., Bataihah, A., Bataihah, K., Qazza, A., & Hatamleh, R. (2023). Nth Compos Scheme via Weak Contractions with Application. *International Journal of Mathematics and Sciences, 2023*(1), 7175260.

3. Qawasmeh, T. (2023). (H, Ωb)-Interpolative Contractions in Ωb-distance Mappings with Application. *European Journal of Pure and Applied Mathematics, 16*(3), 1717-1730.

4. Qawasmeh, T. (2023). $\mathcal{H}$-SIMULATION FUNCTIONS AND Ωb-DISTANCE MAPPINGS IN THE SETTING OF Gb-METRIC SPACES AND APPLICATION. *Nonlinear Functional Analysis and Applications*, 557-570.

5. Qawasmeh, T., & Hatamleh, R. (2023). A new contraction based on H-simulation functions in the frame of extended b-metric spaces and application. *International Journal of Electrical and Computer Engineering, 13*(4), 4212-4221.

6. Heilat, A. S., Batiha, B., Qawasmeh, T., & Hatamleh, R. (2023). Hybrid cubic B-spline method for solving a class of singular boundary value problems. *European Journal of Pure and Applied Mathematics, 16(2)*, 751-762.

7. Bataihah, A., Qawasmeh, T., & Shatnawi, M. (2022). Discussion on b-metric spaces and related results in metric and G-metric spaces. *Nonlinear Functional Analysis and Applications*, 233-247.

8. Shatanawi, W., Qawasmeh, T., Bataihah, A., & Tallafha, A. (2021). New contractions and some fixed point results with application based on extended quasi b-metric space. *UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, 83(2)*, 39-48.

9. Qawasmeh, T., Shatanawi, W., Bataihah, A., & Tallafha, A. (2021). Fixed point results and (α, β)-triangular admissibility in the frame of complete extended b-metric spaces and application. UPB Scientific Bulletin, *Series A: Applied Mathematics and Physics, 1*, 113-124.

10. Qawasmeh, T. (2021). SOME COINCIDENCE POINT AND SOME FIXED POINT RESULTS IN ORDERED METRIC SPACES AND APPLICATION. *Dynamic Systems and Applications, 30(1)*, 143-156.

11. Bataihah, A., Shatanawi, W., Qawasmeh, T., & Hatamleh, R. (2020). On $\mathcal{H}$-Simulation Functions and Fixed Point Results in the Setting of ωt-Distance Mappings with Application on Matrix Equations. *Mathematics, 8(5)*, 837.

12. Abodayeh, K., Qawasmeh, T., Shatanawi, W., & Tallafha, A. (2020). $\epsilon\varphi$-contraction and some fixed point results via modified ω-distance mappings in the frame of complete quasi metric spaces and applications, *Inter. J. Electrical Comp. Eng, 10(4)*, 3839-3853.

13. Shakhatreh, M., & Qawasmeh, T. (2020). General method to generate fuzzy equivalence relations in matrix form. *Jordan Journal of Mathematics and Statistics (JJMS), 13(3)*, 401-420.

14. Qawasmeh, T., Tallafha, A., & Shatanawi, W. (2019). Fixed and common fixed point theorems through modified $\omega-$ distance mappings. *Nonlinear Functional Analysis and Applications*, 221-239.

15. Qawasmeh, T., Tallafha, A., & Shatanawi, W. (2019). Fixed point theorems through modified ω-distance and application to nontrivial equations. *Axioms, 8(2)*, 57.

16. Qawasmeh, T., Shatanawi, W., Bataihah, A., & Tallafha, A. *(2019)*. Common Fixed Point Results for Rational (α, β) φ-mω Contractions in Complete Quasi Metric Spaces. *Mathematics, 7(5)*, 392.

17. QAWASMEH, T., HATAMLEH, R., BATIHA, B., & HEILAT, A. S. *(2024)*. ON THE LINEAR EQUIVALENCE OF SEQUENCES IN HILBERT SPACES. *J. Appl. Math. & Informatics Vol, 42(2)*, 237-243.

18. AL-ZGHOUL, A. H. M. E. D., QAWASMEH, T., HATAMLEH, R., & ALHAZIMEH, A. *(2024)*. A NEW CONTRACTION BY UTILIZING H-SIMULATION FUNCTIONS AND Ω-DISTANCE MAPPINGS IN THE FRAME OF COMPLETE G-METRIC SPACES. *Journal of applied mathematics & informatics, 42(4)*, 749-759

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

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RESEARCH LINK (Scopus and Google Scholar)

- https://scholar.google.com/citations?user=nRk6tx4AAAAJ&hl=ar&oi=ao
- https://www.scopus.com/authid/detail.uri?authorId=57209212687

LANGUAGES

- Arabic (Native)
- English (Good)