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Dr. Anwar Bataihah



Personal Details:

Name	Anwar Mohammad Najib Bataihah
Nationality	Jordanian
Date of Birth	11/10/1983
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Religion	Islam
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Permanent Address	As Sarih, Irbid City, The Hashemite Kingdom of Jordan.

Academic Qualifications:

- PhD in Mathematics “Functional Analysis” at The University of Jordan, 2020. Rating: Excellent.
- Master of Sciences (Mathematics) at Irbid National University, 2015. Rating: Excellent.
- Bachelor degree in Mathematics at Al Al-Bayt University, 2005. Rating: Good.

Academic Experiences:

- (2009-2023) Ministry of Education in Jordan.
- Ajloun National University (summer semester 2019).

Publications :

- Qawasmeh, T., Bataihah, A., Bataihah, K., Qazza, A., & Hatamleh, R. (2023). N th Composite Iterative Scheme via Weak Contractions with Application. *International Journal of Mathematics and Mathematical Sciences*, 2023. (AFTER PhD)
- Shatnawi, M. T., Khennaoui, A. A., Ouannas, A., Grassi, G., Radogna, A. V., Bataihah, A., & Batiha, I. M. (2023). A Multistable Discrete Memristor and Its Application to Discrete-Time FitzHugh–Nagumo Model. *Electronics*, 12(13), 2929. (AFTER PhD)
- Batiha, I. M., Abubaker, A. A., Jebri, I. H., Al-Shaikh, S. B., & Matarneh, K. (2023). New Algorithms for Dealing with Fractional Initial Value Problems. *Axioms*, 12(5), 488. Sahar M. Alqaraleh, Abd Ulazeez M. J. S. Alkouri, Mourad Oqla Massa'deh, Adeb G. Talafha and Anwar Bataihah. (2022). Bipolar Complex Fuzzy Soft Sets and Their Application, *International Journal of Fuzzy System Applications*, 11(1), 1-23. (AFTER PhD)
- W Shatanawi, A Bataihah. (2021). Remarks on G-Metric Spaces and Related Fixed Point Theorems, *Thai Journal of Mathematics*, 19(2), 445-455. (AFTER PhD)

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- Shatanawi, W., Qawasmeh, T., Bataihah, A., & Tallafha, A. (2021). New contractions and some fixed point results with application based on extended quasi b-metric spaces. *university politehnica of bucharest scientific bulletin-series a-applied mathematics and physics*, 83(2), 39-48. (AFTER PhD)
- 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. *University Politehnica of Bucharest Scientific Bulletin-Series A Applied Mathematics and Physics*, 83(1), 113-124. (AFTER PhD)
- Tallafha, A., Qaeasmeh, T., Tahat, N., Shatanawi, W., Bataihah, A., & Abodayeh, K. (2021). Some coincidence point and some fixed point results in ordered metric spaces and application. *Dynamic Systems and Applications*, 30(1), 143-157. (AFTER PhD)
- W. Shatanawi, A. Bataihah, A. Tallafha. (2020). Four-Step Iteration Scheme to Approximate Fixed Point for Weak Contractions. *CMC-Computers, Materials & Continua*, Vol. 64, no. 3, pp 1491–1504. (AFTER PhD)
- A. Bataihah, W. Shatanawi, T. Qawasmeh, R. Hatamleh. (2020). On H-Simulation Functions and Fixed Point Results in the Setting of ω t-Distance Mappings with Application on Matrix Equations. *Mathematics* 8, no. 5: 837. (AFTER PhD)
- A. Bataihah, W. Shatanawi and A. Tallafha. (2020). Fixed point results with simulation functions, *Nonlinear Funct. Anal. Appl.*, Vol. 25, No. 1 pp. 13-23. (Derived from the PhD Thesis)
- A. Bataihah, A. Tallafha and W. Shatanawi. (2020). Fixed point results with Ω -distance by utilizing simulation functions, *Ital. J. Pure Appl. Math.*, Vol. 43, pp 185-196. (Derived from the PhD Thesis)
- T. Qawasmeh, W. Shatanawi, A. Bataihah and A. Tallafha. (2019). Common Fixed Point Results for Rational $(\alpha, \beta)\phi$ - $m\omega$ Contractions in Complete Quasi Metric Spaces. *Mathematics*, 7(5), 392, DOI:10.3390/math7050392.
- I. Abu-Irwaq, W. Shatanawi, A. Bataihah and I. Nuseir. (2019). Fixed point results for nonlinear contractions with generalized Ω -distance mappings. *U.P.B. Sci. Bull. Ser. A*, 81(1), 57-64.
- I. Nuseir, W. Shatanawi, I. Abu-Irwaq and A. Bataihah. (2017). Nonlinear contractions and fixed point theorems with modified ω -distance mappings in complete quasi metric spaces. *J. Nonlinear Sci. Appl.*, 10, 5342–5350. DOI:10.22436/jnsa.010.10.20

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- W. Shatanawi, G. Maniu, A. Bataihah and F.B. Ahmad. (2017). Common fixed points for mappings of cyclic form satisfying linear contractive conditions with omega-distance. *U.P.B. Sci. Bull. Ser. A*, 79(2):11-20.
- K. Abodayeh, A. Bataihah and W. Shatanawi. (2017). Generalized ω -distance mappings and some fixed point theorems. *U.P.B. Sci. Bull. Ser. A*, 79(2), 223-232.
- I. Abu-Irwaq, I. Nuseir and A. Bataihah. (2017). Common fixed point theorems in G-metric spaces with Ω -distance. *Journal of Mathematical Analysis*, 8(1), 120-129.
- W. Shatanawi, Mohd Salmi Md Noorani, H. Alsamir and A. Bataihah. (2016). Fixed and common fixed point theorems in partially ordered quasi-metric spaces. *J. Math. Computer Sci*, 16, 516-528. DOI:10.22436/jmcs.016.04.05.
- W. Shatanawi, A. Bataihah and A. Pitea. (2016). Fixed and common fixed point results for cyclic mappings of Ω -distance. *J. Nonlinear Sci. Appl.* 9(3)727-735, DOI:10.22436/jnsa.009.03.02.
- W. Shatanawi, K. Abodayeh and A. Bataihah. (2016). Fixed point theorem through Ω -distance of Suzuki type contraction condition. *Gazi University Journal of Science*, 29(1), 129-133. <http://gujs.gazi.edu.tr/article/view/5000164314>.

Languages:

1. Arabic (Native).
2. English language:
 - Good in reading
 - Good in writing
 - Good in speaking

Computer skills:

1. LaTeX
2. Microsoft Office

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