

Hafiz Muhammad Fahad

Assistant Professor

School of Natural Sciences

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About

Dr. Hafiz Muhammad Fahad is working as Assistant Professor in the School of Natural Sciences. Dr. Hafiz Muhammad Fahad has a PhD in Mathematics. Dr. Hafiz Muhammad Fahad has published 11 research articles & conference papers having a citation count of 339, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mathematics Eastern Mediterranean University , Cyprus	2020 - 2023
MS in Mathematics NUST, Islamabad , Pakistan	2017 - 2019
BS in Mathematics NUST, Islamabad , Pakistan	2013 - 2017

Experience

Assistant Professor School of Natural Sciences	2024- Present
Assistant Professor School of Natural Sciences	2023 - 2024
Teaching Assistant Eastern Mediterranean University, Northern Cyprus, Turkey , Famagusta, Northern Cyprus	2022 - 2023
Associate Lecturer The Islamia University of Bahawalpur, Pakistan , Bahawalnagar, Pakistan	2020 - 2022

Research Articles

On Weighted Fractional Calculus With Respect to Functions <i>Tazeen Zahra Hafiz Muhammad Fahad Mujeeb Ur Rehman</i> <i>Mathematical Methods in the Applied Sciences</i> , Volume:48, Issue:05, Pages:5642-5659 Impact Factor: 2.100 Quartile: 1 DOI: 10.1002/mma.10626	2024
On tempered fractional calculus with respect to functions and the associated fractional differential equations <i>Ashwini D. Mali Kishor D. Kucche Arran Fernandez Hafiz Muhammad Fahad</i> <i>Mathematical Methods in the Applied Sciences</i> , Volume 45, Issue 17, Pages 11134-11157 Impact Factor: 2.9 Quartile: 1 Citations: 51 DOI: https://doi.org/10.1002/mma.8441	2022
On tempered Hilfer fractional derivatives with respect to functions and the associated fractional differential equations <i>Kishor D. Kucche Ashwini D. Mali Arran Fernandez Hafiz Muhammad Fahad</i> <i>Chaos, Solitons and Fractals</i> , Volume 163, Article Number 112547 Impact Factor: 7.8 Quartile: 1 Citations: 26 DOI: https://doi.org/10.1016/j.chaos.2022.112547	2022
On the importance of conjugation relations in fractional calculus <i>Arran Fernandez Hafiz Muhammad Fahad</i> <i>Computational and Applied Mathematics</i> , Volume 41, Issue 6, Article Number 246	2022

Impact Factor: 2.6 Quartile: 1 Citations: 17 DOI: 10.1007/s40314-022-01925-z	
Weighted Fractional Calculus: A General Class of Operators <i>Arran Fernandez Hafiz Muhammad Fahad</i> <i>Fractal and Fractional</i> , Volume 6, Issue 4, Article Number 208 Impact Factor: 5.4 Quartile: 1 Citations: 32 DOI: https://doi.org/10.3390/fractalfract6040208	2022
Operational calculus for Caputo fractional calculus with respect to functions and the associated fractional differential equations <i>Hafiz Muhammad Fahad Arran Fernandez</i> <i>Applied Mathematics and Computation</i> , Volume:409, Impact Factor: 4.397 Quartile: 1 Citations: 52 DOI: https://doi.org/10.1016/j.amc.2021.126400	2021
On fractional calculus with analytic kernels with respect to functions <i>Christian Maxime Steve Oumarou Hafiz Muhammad Fahad Jean-Daniel Djida Arran Fernandez</i> <i>Computational and Applied Mathematics</i> , Volume 40, Issue 7, Article Number 244 Impact Factor: 2.998 Quartile: 1 Citations: 13 DOI: 10.1007/s40314-021-01622-3	2021
On Laplace transforms with respect to functions and their applications to fractional differential equations <i>Hafiz Muhammad Fahad Mujeeb ur Rehman Arran Fernandez</i> <i>Mathematical Methods in the Applied Sciences</i> , Volume:46, Issue:07, Pages:8304-8323, 15 May 2023 Impact Factor: 2.321 Quartile: 1 Citations: 54 DOI: 10.1002/mma.7772	2021
Tempered and Hadamard-Type Fractional Calculus with Respect to Functions <i>Hafiz Muhammad Fahad Arran Fernandez Mujeeb-ur-Rehman Maham Siddiqi</i> <i>Mediterranean Journal of Mathematics</i> , Volume 18, Article Number: 143 Impact Factor: 1.305 Quartile: 3 Citations: 59 DOI: 10.1007/s00009-021-01783-9	2021
Operational calculus for the Riemann–Liouville fractional derivative with respect to a function and its applications <i>Hafiz Muhammad Fahad Arran Fernandez</i> <i>Fractional Calculus and Applied Analysis</i> , Volume 24, Issue 2, Pages 518-540 Impact Factor: 3.451 Quartile: 1 Citations: 28 DOI: https://doi.org/10.1515/fca-2021-0023	2021
Generalized Substantial Fractional Operators and Well-Posedness of Cauchy Problem <i>Hafiz Muhammad Fahad Mujeeb-ur-Rehman</i> <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , Pages 1-24 Impact Factor: 1.554 Quartile: 1 Citations: 7 DOI: https://doi.org/10.1007/s40840-020-01008-4	2020

Editorial Activities

Mathematical Methods in The Applied Sciences Reviewed Papers for Journals Impact Factor: 2.9	2023
Mathematical Methods in the Applied Sciences Reviewed Papers for Journals Impact Factor: 2.9	2023
Electronic research archive Reviewed Papers for Journals Impact Factor: 0.8	2022
Differential and Integral Equations Reviewed Papers for Journals Impact Factor: 0.915	2022