

Mujeeb Ur Rehman

Professor

School of Natural Sciences

Email: mrehman@sns.nust.edu.pk

Contact: 518741011

LinkedIn: <https://www.linkedin.com/in/mujeeb-rehman-4585881ba/>



About

Dr. Mujeeb Ur Rehman is working as Professor in the School of Natural Sciences. Dr. Mujeeb Ur Rehman has a PhD in Differential Equations. Dr. Mujeeb Ur Rehman has published 80 research articles & conference papers having a citation count of 1548, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Differential Equations NUST, Islamabad , Pakistan	2008 - 2011
MSc in Mathematics Azad Jammu and Kashmir University , Pakistan	2004 - 2006
BSc in Mathematics And Statistics Azad Jammu and Kashmir University , Pakistan	2000 - 2002

Experience

Professor School of Natural Sciences	2022- Present
Associate Professor School of Natural Sciences	2020 - 2022
Associate Professor School of Natural Sciences	2018 - 2020
Associate Professor School of Natural Sciences	2017 - 2018
Assistant Professor School of Natural Sciences	2012 - 2017

Awards

Best Teacher Award 2019 Best Teacher Award (2019)	2020
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Research Articles

A generalized Legendre transform method and its applications Imtiaz Waheed Mujeeb Ur Rehman <i>Journal of Computational and Applied Mathematics</i> , Volume: 468, Article Number: 116646, Impact Factor: 2.1 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1016/j.cam.2025.116646	2025
On general tempered fractional calculus with Luchko kernels 00000398930-Furqan Hussain Mujeeb Ur Rehman <i>Journal of Computational and Applied Mathematics</i> , Volume:458, ID:116339 Impact Factor: 2.1 Quartile: 1 Citations: 2 DOI: 10.1016/j.cam.2024.116339	2025
On Weighted Fractional Calculus With Respect to Functions Tazeen Zahra Hafiz Muhammad Fahad Mujeeb Ur Rehman <i>Mathematical Methods in the Applied Sciences</i> , Volume:48, Issue:05, Pages:5642-5659 Impact Factor: 2.100 Quartile: 1	2024

DOI: 10.1002/mma.10626	
Solution of fractional Sturm–Liouville problems by generalized polynomials 00000238744-Shazia Sadiq Mujeeb Ur Rehman Engineering Computations (Swansea, Wales) , Pages 1-30 Impact Factor: 1.500 Quartile: 2 DOI: 10.1108/EC-04-2024-0356	2024
A new scheme for the solution of the nonlinear Caputo–Hadamard fractional differential equations Umer Saeed Mujeeb ur Rehman Alexandria Engineering Journal , Volume: 105, Pages 56-69 Impact Factor: 6.200 Quartile: 1 Citations: 3 DOI: 10.1016/j.aej.2024.06.050	2024
Numerical Technique based on Generalized Laguerre and Shifted Chebyshev Polynomials Shazia Sadiq Mujeeb ur Rehman Journal of Applied Analysis and Computation , Volume 14, Number 4, Pages 1977-2001 Impact Factor: 1.000 Quartile: 3 DOI: 10.11948/20220504	2024
A numerical method for solutions of tempered fractional differential equations Amna Bibi Mujeeb ur Rehman Journal of Computational and Applied Mathematics , Volume 443, Article Number 115772 Impact Factor: 2.4 Quartile: 1 Citations: 3 DOI: 10.1016/j.cam.2024.115772	2024
A product integration method for numerical solutions of fractional differential equations Maria Amjad Mujeeb ur Rehman Journal of Computational Science , Volume 76, Article Number: 102234 Impact Factor: 3.3 Quartile: 2 DOI: 10.1016/j.jocs.2024.102234	2024
A numerical technique based on multiplicative integration strategy for fractional Darboux problem Amna Bibi Mujeeb ur Rehman Numerical Algorithms , Pages 1-27 Impact Factor: 2.1 Quartile: 1 DOI: 10.1007/s11075-023-01718-3	2023
A numerical method for fractional Sturm–Liouville problems involving the Cauchy–Euler operators Ghafriia Istafa Mujeeb ur Rehman Computational and Applied Mathematics , Volume 429, Article Number 115221 Impact Factor: 2.872 Quartile: 1 Citations: 3 DOI: 10.1016/j.cam.2023.115221	2023
On the fractional Fourier transforms with respect to functions and its applications Imtiaz Waheed Mujeeb ur Rehman Computational and Applied Mathematics , Volume 42, Issue 5, Article Number 220 Impact Factor: 2.6 Quartile: 1 Citations: 3 DOI: 10.1007/s40314-023-02354-2	2023
A numerical method based on quadrature rules for ψ-fractional differential equations Aneela Sabir Mujeeb ur Rehman Computational and Applied Mathematics , Volume 419, Article Number 114684 Impact Factor: 2.872 Quartile: 1 Citations: 12 DOI: 10.1016/j.cam.2022.114684	2023
Numerical solutions of Hadamard fractional differential equations by generalized Legendre functions Ghafriia Istafa Mujeeb ur Rehman Mathematical Methods in the Applied Sciences , Pages 1-22 Impact Factor: 3.007 Quartile: 1 Citations: 12 DOI: 10.1002/mma.8942	2022
A Legendre-spectral method for Hadamard fractional partial differential equations Mujeeb ur Rehman Ghafriia Istafa Mathematical Sciences , Pages 1-17 Impact Factor: 2.070 Quartile: 1 Citations: 2	2022

DOI: 10.1007/s40096-022-00497-7	
A generalized Taylor operational matrix method for ψ-fractional differential equations <i>Mujeeb ur Rehman Momna Tariq Umer Saeed</i> <i>Mathematical Methods in the Applied Sciences</i> , Pages 1-23 Impact Factor: 3.007 Quartile: 1 Citations: 1 DOI: 10.1002/mma.8796	2022
Ulam's type stability analysis of fractional difference equation with impulse: Gronwall inequality approach <i>Rabia Ilyas Butt Mujeeb ur Rehman</i> <i>Turkish Journal of Mathematics</i> , Volume 46, Issue 7, Pages 2927-2941 Impact Factor: 0.954 Quartile: 3 DOI: 10.55730/1300-0098.3310	2022
ψ-Shifted Operational Matrix Scheme for Fractional Partial Differential Equations <i>Shazia Saddiq Mujeeb ur Rehman</i> <i>Journal of Applied Analysis and Computation</i> , Volume 12(2), Pages 497-516 Impact Factor: 1.827 Quartile: 2 Citations: 2 DOI: 10.11948/20210101	2022
Generalized Mellin transform and its applications in fractional calculus <i>Talha Aziz Mujeeb Ur Rehman</i> <i>Computational and Applied Mathematics</i> , Volume 41, Issue 3, Article Number 88 Impact Factor: 2.239 Quartile: 1 Citations: 6 DOI: 10.1007/s40314-022-01802-9	2022
A numerical method based on Haar wavelets for the Hadamard-type fractional differential equations <i>Zain ul Abdeen Mujeeb ur Rehman</i> <i>Engineering Computations</i> , Volume 39 No. 3, Pages 943-964 Impact Factor: 1.593 Quartile: 3 Citations: 6 DOI: 10.1108/EC-04-2021-0223	2022
Solution of fractional boundary value problems by ψ-shifted operational matrices <i>Shazia Sadiq Mujeeb ur Rehman</i> <i>AIMS Mathematics</i> , Volume 7(4), Pages 6669-6693. Impact Factor: 1.427 Quartile: 2 Citations: 9 DOI: 10.3934/math.2022372	2022
On the Existence and Ulam–Hyers Stability of a New Class of Partial (φ, χ)–Fractional Differential Equations With Impulses <i>Arjumand Seemab Mujeeb ur Rehman Michal Feckan Jehad Alzabu Syed Abbas</i> <i>Filomat</i> , Volume 35(6), Pages 1977-1991 Impact Factor: 0.988 Quartile: 2 Citations: 8 DOI: 10.2298/FIL2106977S	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
Existence of weak solutions for ψ-caputo fractional boundary value problem via variational methods <i>Adnan Khaliq Mujeeb Ur Rehman</i> <i>Journal of Applied Analysis and Computation</i> , Volume 11, Number 4, Pages 1768–1778 Impact Factor: 1.429 Quartile: 2 Citations: 9 DOI: 10.11948/20200115	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

<p>Ulam–Hyers–Mittag–Leffler stability of fractional difference equations with delay</p> <p><i>Rabia Ilyas Butt Mujeeb ur Rehman</i></p> <p><i>Rocky Mountain Journal of Mathematics</i>, Volume 51(3), Pages 891-901</p> <p>Impact Factor: 0.568 Quartile: 4 Citations: 2</p> <p>DOI: 10.1216/rmj.2021.51.891</p>	2021
<p>Langevin equation with nonlocal boundary conditions involving a ψ-Caputo fractional operators of different orders</p> <p><i>Arjumand Seemab Mujeeb ur Rehman Jehad Alzabut Yassine Adjab Mohammed S. Abdo</i></p> <p><i>AIMS Mathematics</i>, Volume 6, Issue 7, Pages 6749-6780</p> <p>Impact Factor: 2.739 Quartile: 1 Citations: 13</p> <p>DOI: 10.3934/math.2021397</p>	2021
<p>Discrete Version of Gronwall-Bellman Type Inequality and its Application in Stability Analysis</p> <p><i>Rabia Ilyas Butt Thabet Abdeljawad Mujeeb ur Rehman</i></p> <p><i>Dynamic Systems and Applications</i>, Volume 30, No.3, Pages 449-459</p> <p>Impact Factor: N/A</p> <p>DOI: 10.46719/dsa202130310</p>	2021
<p>Fractional Gegenbauer wavelets operational matrix method for solving nonlinear fractional differential equations</p> <p><i>Umer Saeed Sajjad Haider Qamar Din Khurram Javid Mujeeb ur Rehman</i></p> <p><i>Mathematical Sciences</i>, Pages 1-15</p> <p>Impact Factor: 2.070 Quartile: 1 Citations: 13</p> <p>DOI: https://doi.org/10.1007/s40096-021-00376-7</p>	2021
<p>Stability analysis of p-laplacian fractional difference equation</p> <p><i>Rabia Ilyas Butt Mujeeb Ur Rehman Thabet Abdeljawad Gulsen Kilinc</i></p> <p><i>Dynamic Systems and Applications</i>, Volume 30, Issue 1, Pages 17-31</p> <p>Impact Factor: N/A</p> <p>DOI: 10.46719/dsa20213012</p>	2021
<p>Fixed point theorem combined with variational methods for a class of nonlinear impulsive fractional problems with derivative dependence</p> <p><i>Mujeeb ur Rehman Adnan Khaliq</i></p> <p><i>AIMS Mathematics</i>, Volume 6(2), Pages 1943–1953</p> <p>Impact Factor: 1.427 Quartile: 2</p> <p>DOI: doi/10.3934/math.2021118</p>	2020
<p>Green–Haar wavelets method for generalized fractional differential equations</p> <p><i>Mujeeb-ur-Rehman Dumitru Baleanu Jehad Alzabut Muhammad Ismail Umer Saeed</i></p> <p><i>Advances in Difference Equations</i>, Volume 2020, Article Number: 515</p> <p>Impact Factor: 2.803 Quartile: 1 Citations: 34</p> <p>DOI: 10.1186/s13662-020-02974-6</p>	2020
<p>Generalized Substantial Fractional Operators and Well-Posedness of Cauchy Problem</p> <p><i>Hafiz Muhammad Fahad Mujeeb-ur-Rehman</i></p> <p><i>Bulletin of the Malaysian Mathematical Sciences Society</i>, Pages 1-24</p> <p>Impact Factor: 1.554 Quartile: 1 Citations: 7</p> <p>DOI: https://doi.org/10.1007/s40840-020-01008-4</p>	2020
<p>Discrete fractional order two-point boundary value problem with some relevant physical applications</p> <p><i>A. George Maria Selvam Jehad Alzabut R. Dhineshababu S. Rashid Mujeeb-ur-Rehman</i></p> <p><i>Journal of Inequalities and Applications</i>, Volume 2020, Article Number 221</p> <p>Impact Factor: 2.491 Quartile: 1 Citations: 20</p> <p>DOI: 10.1186/s13660-020-02485-8</p>	2020
<p>ψ-Haar wavelets method for numerically solving fractional differential equations</p> <p><i>Amjid Ali Teruya Minamoto Umer Saeed Mujeeb ur Rehman</i></p> <p><i>Engineering Computations</i>, Volume 38, Issue 2, Pages 1037-1056</p> <p>Impact Factor: 1.593 Quartile: 3 Citations: 3</p> <p>DOI: 10.1108/EC-01-2020-0050</p>	2020
<p>Green's functions for boundary value problems of generalized fractional differential equations with p-Laplacian</p>	2020

Arjumand Seemab Mujeeb-ur-Rehman

Hacettepe Journal of Mathematics and Statistics, Volume 49(4), Pages 1355–1372

Impact Factor: 0.929 | **Quartile:** 3

DOI: 10.15672/hujms.455998

A Transformation Method for Delta Partial Difference Equations on Discrete Time Scale

2020

Syed Sabyel Haider Mujeeb-ur-Rehman Thabet Abdeljawad

Mathematical Problems in Engineering, Volume 2020, Article ID 3902931, 14 pages

Impact Factor: 1.305 | **Quartile:** 4 | **Citations:** 2

DOI: 10.1155/2020/3902931

Construction of fixed point operators for nonlinear difference equations of non integer order with impulses

2020

Syed Sabyel Haider Mujeeb-ur-Rehman

Fractional Calculus and Applied Analysis, Volume 23(3), Pages 886-907

Impact Factor: 3.126 | **Quartile:** 1 | **Citations:** 4

DOI: 10.1515/fca-2020-0045

On fractional difference Langevin equations Involving non-local boundary conditions

2020

Rabia Ilyas Butt Jehad Alzabut Mujeeb Ur Rehman J. M. Jonnalagadda

Dynamic Systems and Applications, Volume 29, No. 2, Pages 305-326

Impact Factor: 0.622 | **Quartile:** 4

DOI: 10.46719/dsa20202928

On Caputo modification of Hadamard-type fractional derivative and fractional Taylor series

2020

Rashida Zafar Moniba Shams Mujeeb-ur-Rehman

Advances in Difference Equations, Volume 2020, Article Number 219

Impact Factor: 2.803 | **Quartile:** 1 | **Citations:** 17

DOI: <https://doi.org/10.1186/s13662-020-02658-1>

Stability analysis by fixed point theorems for a class of non-linear Caputo nabla fractional difference equation

2020

Rabia Ilyas Butt Thabet Abdeljawad Mujeeb-ur-Rehman

Advances in Difference Equations, Volume 2020, Article Number 209

Impact Factor: 2.803 | **Quartile:** 1 | **Citations:** 10

DOI: 10.1186/s13662-020-02674-1

Green-Haar method for fractional partial differential equations

2020

Muhammad Ismail Umer Saeed Mujeeb-ur-Rehman

Engineering Computations, Volume 37, Issue 4, Pages 1473-1490

Impact Factor: 1.322 | **Quartile:** 3

DOI: 10.1108/EC-05-2019-0234

On substantial fractional difference operator

2020

Syed Sabyel Haider Mujeeb-ur-Rehman

Advances in Difference Equations, Volume 2020, Article Number 154

Impact Factor: 2.803 | **Quartile:** 1 | **Citations:** 6

DOI: <https://doi.org/10.1186/s13662-020-02594-0>

On Hilfer fractional difference operator

2020

Syed Sabyel Haider Mujeeb-ur-Rehman Thabet Abdeljawad

Advances in Difference Equations, Volume 2020, Article Number 122

Impact Factor: 2.803 | **Quartile:** 1 | **Citations:** 30

DOI: <https://doi.org/10.1186/s13662-020-02576-2>

Ulam-Hyers-Rassias Stability and Existence of Solutions to Nonlinear Fractional Difference Equations with Multipoint Summation Boundary Condition

2020

Syed Sabyel Haider Mujeeb-ur-Rehman

Acta Mathematica Scientia, Volume 40B(2), Pages 589–602

Impact Factor: 1.258 | **Quartile:** 2 | **Citations:** 9

DOI: <https://doi.org/10.1007/s10473-020-0219-1>

Existence of solution of an infinite system of generalized fractional differential equations by Darbo's fixed point theorem

2020

Arjumand Seemab Mujeeb ur Rehman

Impact Factor: 2.621 | **Quartile:** 1 | **Citations:** 12

DOI: 10.1016/j.cam.2019.112355

On the existence of positive solutions for generalized fractional boundary value problems 2019

Arjumand Seemab Mujeeb-ur-Rehman Jehad Alzabut Abdelouahed Hamdi

Boundary Value Problems, Volume: 2019, Issue: 1, Article Number: 186

Impact Factor: 1.794 | **Quartile:** 1 | **Citations:** 52

DOI: DOI: 10.1186/s13661-019-01300-8

Approximate Solutions for Fractional Boundary Value Problems via Green-CAS Wavelet Method 2019

Muhammad Ismail Jehad Alzabut Umer Saeed Mujeeb-ur-Rehman

Mathematics, Vol.7(12), Article Number 1164

Impact Factor: 1.747 | **Quartile:** 1 | **Citations:** 28

DOI: <https://doi.org/10.3390/math7121164>

Ulam stability of Caputo q-fractional delay difference equation: q-fractional Gronwall inequality approach 2019

Rabia Ilyas Butt Thabet Abdeljawad Manar A. Alqudah Mujeeb-ur-Rehman

Journal of Inequalities and Applications, Volume: 2019, Issue: 1, Article Number: 305

Impact Factor: 1.470 | **Quartile:** 1 | **Citations:** 40

DOI: DOI: 10.1186/s13660-019-2257-6

On oscillatory and nonoscillatory behavior of solutions for a class of fractional order differential equations 2019

Mujeeb ur Rehman Arjumand Seemab

TURKISH JOURNAL OF MATHEMATICS, Volume 43, Pages 1182-1194

Impact Factor: 0.658 | **Quartile:** 3 | **Citations:** 4

DOI: 10.3906/mat-1811-83

A numerical method for solving fractional differential equations 2019

Mujeeb ur Rehman Zain ul Abdeen

Engineering Computations, Volume 36, Issue 2, Pages 551-568

Impact Factor: 1.322 | **Quartile:** 2 | **Citations:** 1

DOI: 10.1108/EC-07-2018-0302

Ulam-Hyers-Stability for nonlinear fractional neutral differential equations 2019

Azmat Ullah Khan Niazi Jiang Wei Du Jun Mujeeb Ur Rehman

Hacettepe Journal of Mathematics and Statistics, Volume 48, Issue 1, Pages 157-169

Impact Factor: 0.679 | **Quartile:** 3 | **Citations:** 6

DOI: 10.15672/HJMS.2017.518

Differential quadrature method for nonlinear fractional partial differential equations 2018

Umer Saeed Qamar Din Mujeeb Ur Rehman

Engineering Computations, Volume 35, Issue 6, Pages 2349-2366

Impact Factor: 1.246 | **Quartile:** 3 | **Citations:** 9

DOI: 10.1108/EC-04-2018-0179

On variational methods to non-instantaneous impulsive fractional differential equation 2018

Mujeeb ur Rehman Adnan Khaliq

Applied Mathematics Letters, NULL

Impact Factor: 3.487 | **Quartile:** 1 | **Citations:** 24

DOI: 10.1016/j.aml.2018.03.014

Ulam-Hyers-Mittag-Leffler stability for nonlinear fractional neutral differential equations 2018

Azmat Ullah Khan Niazi Jiang Wei Pang Denghao Azmat Ullah Khan Niazi Jiang Wei Mujeeb-ur-Rehman Pang Denghao

Sbornik Mathematics, Volume: 209, Issue: 9, Pages 1337-1350

Impact Factor: 1.057 | **Quartile:** 2 | **Citations:** 18

DOI: DOI:<https://doi.org/10.1070/SM8958>

Existence And Stability Analysis By Fixed Point Theorems For A Class Of Non-Linear Caputo Fractional Differential Equations 2018

Arjumand Seemab Mujeeb Ur Rehman

Dynamic Systems and Applications, -

Impact Factor: 0.500 | **Quartile:** 4

DOI: 10.12732/dsa.v27i3.1	
Existence results for hybrid fractional neutral differential equations	2017
Azmat Ullah Khan Niazi Jiang Wei Mujeeb Ur Rehman Du Jun	
<i>Advances in Difference Equations</i> , Volume 2017, Article Number: 353	
Impact Factor: 1.066 Quartile: 1 Citations: 3	
DOI: https://doi.org/10.1186/s13662-017-1407-8	
On existence of positive solutions for a class of discrete fractional boundary value problems	2017
Mujeeb ur Rehman Faiza Iqbal Arjumand Seemab	
<i>Positivity</i> , -	
Impact Factor: 0.92 Quartile: 2 Citations: 10	
DOI: 10.1007/s11117-016-0459-4	
A quadrature method for numerical solutions of fractional differential equations	2017
Mujeeb ur Rehman Amna Idrees Umer Saeed	
<i>Applied Mathematics and Computation</i> , Volume 307, Pages 38-49	
Impact Factor: 2.3 Quartile: 1 Citations: 27	
DOI: 10.1016/j.amc.2017.02.053	
A note on fractional Duhamel's principle and its application to a class of fractional partial differential equations	2017
Mujeeb ur Rehman Arjumand Seemab	
<i>Applied Mathematics Letters</i> , Volume: 64, Pages: 8-14	
Impact Factor: 2.462 Quartile: 1 Citations: 10	
DOI: 10.1016/j.aml.2016.08.002	
Boundary value problem for nonlinear fractional differential equations with delay	2017
Azmat Ullah Khan Niazi Jiang Wei Mujeeb Ur Rehman Pang Denghao	
<i>Advances in Difference Equations</i> , Volume 2017, Issue 1, Article Number 24	
Impact Factor: 1.066 Quartile: 1 Citations: 4	
DOI: 10.1186/s13662-017-1090-9	
A note on terminal value problems for fractional differential equations on infinite interval	2016
S.A. Hussain Shah Mujeeb ur Rehman	
<i>Applied Mathematics Letters</i> , Volume 52, Pages 118-125	
Impact Factor: 2.333 Quartile: 1 Citations: 22	
DOI: 10.1016/j.aml.2015.08.008	
Gegenbauer wavelets operational matrix method for fractional differential equations	2015
Mujeeb ur Rehman Umer Saeed	
<i>Journal of the Korean Mathematical Society</i> , Volume: 52, Issue: 5, Pages: 1069-1096	
Impact Factor: 0.356 Quartile: 4 Citations: 60	
DOI: 10.4134/JKMS.2015.52.5.1069	
Modified Chebyshev wavelet methods for fractional delay-type equations	2015
Mujeeb ur Rehman Umer Saeed Muhammad Asad Iqbal	
<i>Applied Mathematics and Computation</i> , Volume 264, Pages 431-442	
Impact Factor: 1.345 Quartile: 1 Citations: 60	
DOI: 10.1016/j.amc.2015.04.113	
Haar wavelet Picard method for fractional nonlinear partial differential equations	2015
Mujeeb ur Rehman Umer Saeed	
<i>Applied Mathematics and Computation</i> , Volume: 264, Pages: 310-322	
Impact Factor: 1.345 Quartile: 1 Citations: 43	
DOI: 10.1016/j.amc.2015.04.096	
Haar wavelet operational matrix method for fractional oscillation equations	2014
Umer Saeed Mujeeb ur Rehman	
<i>International Journal of Mathematics and Mathematical Sciences</i> , Volume 2014, Article ID 174819, 8 pages	
Impact Factor: N/A Citations: 8	
DOI: https://doi.org/10.1155/2014/174819	
Hermite Wavelet Method for Fractional Delay Differential Equations	2014
Umer Saeed Mujeeb ur Rehman	
<i>Journal of Difference Equations</i> , Volume 2014, Article ID: 359093	

Impact Factor: N/A DOI: 10.1155/2014/359093	
Haar Wavelet-Picard technique for fractional order nonlinear initial and boundary value problems <i>Umer Saeed Mujeeb ur Rehman Muhammad Asad Iqbal</i> <i>Scientific Research and Essays</i> , Volume 9(12), Pages 571-580 Impact Factor: N/A DOI: https://doi.org/10.5897/SRE2013.5777	2014
Wavelet-Galerkin Quasilinearization Method for Nonlinear Boundary Value Problems <i>Mujeeb ur Rehman Umer Saeed</i> <i>Abstract and Applied Analysis</i> , Volume 2014, Article ID 868934, 10 pages Impact Factor: N/A Citations: 16 DOI: 10.1155/2014/868934	2014
Assessment of Haar wavelet-quasilinearization technique in heat convection-radiation equations <i>Umer Saeed Mujeeb ur Rehman</i> <i>Applied Computational Intelligence and Soft Computing</i> , Volume 2014, Article ID 454231, 5 Pages Impact Factor: N/A DOI: https://doi.org/10.1155/2014/454231	2014
Haar Wavelet-Picard Technique for Factional Order Nonlinear Initial and Boundary Value Problems <i>Umer Saeed Mujeeb Ur Rehman Muhammad Asad Iqbal</i> <i>Scientific Research and Essays</i> , Vol. 12, Issue 9, Pages 571-580, June 2014 Impact Factor: 0 DOI: doi.org/10.5897/SRE2013.5777	2014
Existence and uniqueness of solutions for impulsive fractional differential equations <i>Mujeeb ur Rehman Paul W. Eloe</i> <i>Applied Mathematics and Computation</i> , Volume 224, Pages 422-431 Impact Factor: 1.6 Quartile: 1 Citations: 49 DOI: 10.1016/j.amc.2013.08.088	2013
Haar wavelet-quasilinearization technique for fractional nonlinear differential equations <i>Umer Saeed Mujeeb ur rehman</i> <i>Applied Mathematics and Computation</i> , Volume: 220, Pages: 630-648 Impact Factor: 1.6 Quartile: 1 Citations: 65 DOI: 10.1016/j.amc.2013.07.018	2013
Numerical solutions to initial and boundary value problems for linear fractional partial differential equations <i>Mujeeb Ur Rehman Rahmat Ali Khan</i> <i>Applied Mathematical Modelling</i> , Volume 37, Pages 5233-5244 Impact Factor: 2.158 Quartile: 1 Citations: 44 DOI: 10.1016/j.apm.2012.10.045	2013
A numerical method for solving boundary value problems for fractional differential equations <i>Mujeeb ur Rehman Rahmat Ali Khan</i> <i>Applied Mathematical Modelling</i> , Volume: 36, Issue: 3, Pages: 894-907 Impact Factor: 1.706 Quartile: 1 Citations: 118 DOI: 10.1016/j.apm.2011.07.045	2012
The Legendre wavelet method for solving fractional differential equations <i>Mujeeb ur Rehman Rahmat Ali Khan</i> <i>Communications in Nonlinear Science and Numerical Simulation</i> , Volume 16, Issue 11, Pages 4163-4173 Impact Factor: 2.806 Quartile: 1 Citations: 218 DOI: 10.1016/j.cnsns.2011.01.014	2011
Positive Solutions of Nonlocal Boundary Value Problem for Higher Order Fractional Differential System <i>Mujeeb ur Rehman Rahmat Ali Khan Paul W. Eloe</i> <i>Dynamic Systems and Applications</i> , Volume: 20, Issue: 2-3, Pages: 169-182 Impact Factor: 0.319 Quartile: 4 DOI: https://acadsol.eu/dsa/20/1-4/12	2011
Three point boundary value problems for nonlinear fractional differential equations	2011

Mujeeb ur Rehman Rahmat Ali Khan Naseer Ahmad Asif
Acta Mathematica Scientia , Volume 31, Issue 4, Pages 1337-1346
Impact Factor: 0.357 | Quartile: 4 | Citations: 35
DOI: [https://doi.org/10.1016/S0252-9602\(11\)60320-2](https://doi.org/10.1016/S0252-9602(11)60320-2)

A note on boundary value problems for a coupled system of fractional differential equations 2011
Mujeeb Ur Rehman Rahmat Ali Khan
Computers and Mathematics with Applications , Volume 61, Issue 9, Pages 2630-2637
Impact Factor: 1.747 | Quartile: 1 | Citations: 49
DOI: 10.1016/j.camwa.2011.03.009

Positive Solutions to Nonlinear Higher-Order Nonlocal Boundary Value Problems for Fractional Differential Equations 2010
Mujeeb Ur Rehman Rahmat Ali Khan
Abstract and Applied Analysis , Article Number 501230
Impact Factor: 1.442 | Quartile: 1 | Citations: 3
DOI: 10.1155/2010/501230

Existence and uniqueness of solutions for multi-point boundary value problem for fractional differential equations 2010
Mujeeb ur rehman Rahmat Ali Khan
Applied Mathematics Letters , Volume: 23, Issue: 9, Pages: 1038-1044
Impact Factor: 1.536 | Quartile: 1 | Citations: 145
DOI: 10.1016/j.aml.2010.04.033

Editorial Activities

Nonlinear Dynamics	2025
Reviewed Papers for Journals	
Impact Factor: N/A	
The Journal of Analysis	2025
Reviewed Papers for Journals	
Impact Factor: 0.7	
Arabian Journal of Mathematics	2025
Reviewed Papers for Journals	
Impact Factor: 0.9	
International Journal of Mathematics and Mathematical Sciences	2025
Reviewed Papers for Journals	
Impact Factor: N/A	
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Partial differential equations in applied mathematics	2023
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