Mujeeb Ur Rehman

Professor

School of Natural Sciences

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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 2008 - 2011
NUST, Islamabad , Pakistan

MSc in Mathematics 2004 - 2006
Azad Jammu and Kashmir University , Pakistan

BSc in Mathematics And Statistics 2000 - 2002
Azad Jammu and Kashmir University , Pakistan

Experience

Professor 2022- Present
School of Natural Sciences

Associate Professor 2020 - 2022
School of Natural Sciences

Associate Professor 2018 - 2020
School of Natural Sciences

Associate Professor 2017 - 2018
School of Natural Sciences

Assistant Professor 2012 - 2017
School of Natural Sciences

Awards

Best Teacher Award 2019 2020
Best Teacher Award (2019)

Research Articles

A generalized Legendre transform method and its applications 2025
Imtiaz Waheed Mujeeb Ur Rehman
Journal of Computational and Applied Mathematics, Volume: 468, Article Number: 116646,
Impact Factor: 2.1 | **Quartile:** 1 | **Citations:** 1
DOI: https://doi.org/10.1016/j.cam.2025.116646

On general tempered fractional calculus with Luchko kernels 2025
00000398930-Furqan Hussain Mujeeb Ur Rehman
Journal of Computational and Applied Mathematics, Volume:458, ID:116339
Impact Factor: 2.1 | **Quartile:** 1 | **Citations:** 2
DOI: 10.1016/j.cam.2024.116339

On Weighted Fractional Calculus With Respect to Functions 2024
Tazeen Zahra Hafiz Muhammad Fahad Mujeeb Ur Rehman
Mathematical Methods in the Applied Sciences, Volume:48, Issue:05, Pages:5642-5659
Impact Factor: 2.100 | **Quartile:** 1

DOI: 10.1002/mma.10626

Solution of fractional Sturm–Liouville problems by generalized polynomials 2024

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

A new scheme for the solution of the nonlinear Caputo–Hadamard fractional differential equations 2024

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

Numerical Technique based on Generalized Laguerre and Shifted Chebyshev Polynomials 2024

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

A numerical method for solutions of tempered fractional differential equations 2024

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

A product integration method for numerical solutions of fractional differential equations 2024

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

A numerical technique based on multiplicative integration strategy for fractional Darboux problem 2023

Amna Bibi Mujeeb ur Rehman

Numerical Algorithms , Pages 1-27

Impact Factor: 2.1 | **Quartile:** 1

DOI: 10.1007/s11075-023-01718-3

A numerical method for fractional Sturm–Liouville problems involving the Cauchy–Euler operators 2023

Ghafrlia 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

On the fractional Fourier transforms with respect to functions and its applications 2023

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

A numerical method based on quadrature rules for ψ-fractional differential equations 2023

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

Numerical solutions of Hadamard fractional differential equations by generalized Legendre functions 2022

Ghafrlia 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

A Legendre-spectral method for Hadamard fractional partial differential equations 2022

Mujeeb ur Rehman Ghafrlia Istafa

Mathematical Sciences , Pages 1-17

Impact Factor: 2.070 | **Quartile:** 1 | **Citations:** 2

DOI: 10.1007/s40096-022-00497-7

A generalized Taylor operational matrix method for ψ-fractional differential equations 2022

Mujeeb ur Rehman Momna Tariq Umer Saeed

Mathematical Methods in the Applied Sciences, Pages 1-23

Impact Factor: 3.007 | **Quartile:** 1 | **Citations:** 1

DOI: 10.1002/mma.8796

Ulam's type stability analysis of fractional difference equation with impulse: Gronwall inequality approach 2022

Rabia Ilyas Butt Mujeeb ur Rehman

Turkish Journal of Mathematics, Volume 46, Issue 7, Pages 2927-2941

Impact Factor: 0.954 | **Quartile:** 3

DOI: 10.55730/1300-0098.3310

ψ-Shifted Operational Matrix Scheme for Fractional Partial Differential Equations 2022

Shazia Saddiq Mujeeb ur Rehman

Journal of Applied Analysis and Computation, Volume 12(2), Pages 497-516

Impact Factor: 1.827 | **Quartile:** 2 | **Citations:** 2

DOI: 10.11948/20210101

Generalized Mellin transform and its applications in fractional calculus 2022

Talha Aziz Mujeeb Ur Rehman

Computational and Applied Mathematics, Volume 41, Issue 3, Article Number 88

Impact Factor: 2.239 | **Quartile:** 1 | **Citations:** 6

DOI: 10.1007/s40314-022-01802-9

A numerical method based on Haar wavelets for the Hadamard-type fractional differential equations 2022

Zain ul Abdeen Mujeeb ur Rehman

Engineering Computations, Volume 39 No. 3, Pages 943-964

Impact Factor: 1.593 | **Quartile:** 3 | **Citations:** 6

DOI: 10.1108/EC-04-2021-0223

Solution of fractional boundary value problems by ψ-shifted operational matrices 2022

Shazia Sadiq Mujeeb ur Rehman

AIMS Mathematics, Volume 7(4), Pages 6669-6693.

Impact Factor: 1.427 | **Quartile:** 2 | **Citations:** 9

DOI: 10.3934/math.2022372

On the Existence and Ulam–Hyers Stability of a New Class of Partial (φ, χ)−Fractional Differential Equations With Impulses 2021

Arjumand Seemab Mujeeb ur Rehman Michal Feckan Jehad Alzabu Syed Abbas

Filomat, Volume 35(6), Pages 1977-1991

Impact Factor: 0.988 | **Quartile:** 2 | **Citations:** 8

DOI: 10.2298/FIL2106977S

On Laplace transforms with respect to functions and their applications to fractional differential equations 2021

Hafiz Muhammad Fahad Mujeeb ur Rehman Arran Fernandez

Mathematical Methods in the Applied Sciences, Volume:46, Issue:07, Pages:8304-8323, 15 May 2023

Impact Factor: 2.321 | **Quartile:** 1 | **Citations:** 54

DOI: 10.1002/mma.7772

Existence of weak solutions for ψ-caputo fractional boundary value problem via variational methods 2021

Adnan Khaliq Mujeeb Ur Rehman

Journal of Applied Analysis and Computation, Volume 11, Number 4, Pages 1768–1778

Impact Factor: 1.429 | **Quartile:** 2 | **Citations:** 9

DOI: 10.11948/20200115

Tempered and Hadamard-Type Fractional Calculus with Respect to Functions 2021

Hafiz Muhammad Fahad Arran Fernandez Mujeeb-ur-Rehman Maham Siddiqi

Mediterranean Journal of Mathematics, Volume 18, Article Number: 143

Impact Factor: 1.305 | **Quartile:** 3 | **Citations:** 59

DOI: 10.1007/s00009-021-01783-9

Ulam–Hyers–Mittag–Leffler stability of fractional difference equations with delay 2021

Rabia Ilyas Butt Mujeeb ur Rehman

Rocky Mountain Journal of Mathematics, Volume 51(3), Pages 891-901

Impact Factor: 0.568 | **Quartile:** 4 | **Citations:** 2

DOI: 10.1216/rmj.2021.51.891

Langevin equation with nonlocal boundary conditions involving a ψ-Caputo fractional operators of different orders 2021

Arjumand Seemab Mujeeb ur Rehman Jehad Alzabut Yassine Adjab Mohammed S. Abdo

AIMS Mathematics, Volume 6, Issue 7, Pages 6749-6780

Impact Factor: 2.739 | **Quartile:** 1 | **Citations:** 13

DOI: 10.3934/math.2021397

Discrete Version of Gronwall-Bellman Type Inequality and its Application in Stability Analysis 2021

Rabia Ilyas Butt Thabet Abdeljawad Mujeeb ur Rehman

Dynamic Systems and Applications, Volume 30, No.3, Pages 449-459

Impact Factor: N/A

DOI: 10.46719/dsa202130310

Fractional Gegenbauer wavelets operational matrix method for solving nonlinear fractional differential equations 2021

Umer Saeed Sajjad Haider Qamar Din Khurram Javid Mujeeb ur Rehman

Mathematical Sciences, Pages 1-15

Impact Factor: 2.070 | **Quartile:** 1 | **Citations:** 13

DOI: https://doi.org/10.1007/s40096-021-00376-7

Stability analysis of p-laplacian fractional difference equation 2021

Rabia Ilyas Butt Mujeeb Ur Rehman Thabet Abdeljawad Gulsen Kilinc

Dynamic Systems and Applications, Volume 30, Issue 1, Pages 17-31

Impact Factor: N/A

DOI: 10.46719/dsa20213012

Fixed point theorem combined with variational methods for a class of nonlinear impulsive fractional problems with derivative dependence 2020

Mujeeb ur Rehman Adnan Khaliq

AIMS Mathematics, Volume 6(2), Pages 1943–1953

Impact Factor: 1.427 | **Quartile:** 2

DOI: doi/10.3934/math.2021118

Green–Haar wavelets method for generalized fractional differential equations 2020

Mujeeb-ur-Rehman Dumitru Baleanu Jehad Alzabut Muhammad Ismail Umer Saeed

Advances in Difference Equations, Volume 2020, Article Number: 515

Impact Factor: 2.803 | **Quartile:** 1 | **Citations:** 34

DOI: 10.1186/s13662-020-02974-6

Generalized Substantial Fractional Operators and Well-Posedness of Cauchy Problem 2020

Hafiz Muhammad Fahad Mujeeb-ur-Rehman

Bulletin of the Malaysian Mathematical Sciences Society, Pages 1-24

Impact Factor: 1.554 | **Quartile:** 1 | **Citations:** 7

DOI: https://doi.org/10.1007/s40840-020-01008-4

Discrete fractional order two-point boundary value problem with some relevant physical applications 2020

A. George Maria Selvam Jehad Alzabut R. Dhineshbabu S. Rashid Mujeeb-ur-Rehman

Journal of Inequalities and Applications, Volume 2020, Article Number 221

Impact Factor: 2.491 | **Quartile:** 1 | **Citations:** 20

DOI: 10.1186/s13660-020-02485-8

ψ-Haar wavelets method for numerically solving fractional differential equations 2020

Amjid Ali Teruya Minamoto Umer Saeed Mujeeb ur Rehman

Engineering Computations, Volume 38, Issue 2, Pages 1037-1056

Impact Factor: 1.593 | **Quartile:** 3 | **Citations:** 3

DOI: 10.1108/EC-01-2020-0050

Green's functions for boundary value problems of generalized fractional differential equations with p-Laplacian 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

Journal of Computational and Applied Mathematics, Volume 364, Article Number 112355

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

Advances in Difference Equations, 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

Positivity , -

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

Applied Mathematics and Computation, 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

Applied Mathematics Letters , 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

Advances in Difference Equations, 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

Applied Mathematics Letters , 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

Journal of the Korean Mathematical Society, 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

Applied Mathematics and Computation, 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

Applied Mathematics and Computation, 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

International Journal of Mathematics and Mathematical Sciences, 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

Journal of Difference Equations, 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 2014
Umer Saeed Mujeeb ur Rehman Muhammad Asad Iqbal
Scientific Research and Essays, Volume 9(12), Pages 571-580
Impact Factor: N/A
DOI: https://doi.org/10.5897/SRE2013.5777

Wavelet-Galerkin Quasilinearization Method for Nonlinear Boundary Value Problems 2014
Mujeeb ur Rehman Umer Saeed
Abstract and Applied Analysis, Volume 2014, Article ID 868934, 10 pages
Impact Factor: N/A | **Citations:** 16
DOI: 10.1155/2014/868934

Assessment of Haar wavelet-quasilinearization technique in heat convection-radiation equations 2014
Umer Saeed Mujeeb ur Rehman
Applied Computational Intelligence and Soft Computing, Volume 2014, Article ID 454231, 5 Pages
Impact Factor: N/A
DOI: https://doi.org/10.1155/2014/454231

Haar Wavelet-Picard Technique for Factional Order Nonlinear Initial and Boundary Value Problems 2014
Umer Saeed Mujeeb Ur Rehman Muhammad Asad Iqbal
Scientific Research and Essays, Vol. 12, Issue 9, Pages 571-580, June 2014
Impact Factor: 0
DOI: doi.org/10.5897/SRE2013.5777

Existence and uniqueness of solutions for impulsive fractional differential equations 2013
Mujeeb ur Rehman Paul W. Eloe
Applied Mathematics and Computation, Volume 224, Pages 422-431
Impact Factor: 1.6 | **Quartile:** 1 | **Citations:** 49
DOI: 10.1016/j.amc.2013.08.088

Haar wavelet-quasilinearization technique for fractional nonlinear differential equations 2013
Umer Saeed Mujeeb ur rehman
Applied Mathematics and Computation, Volume: 220, Pages: 630-648
Impact Factor: 1.6 | **Quartile:** 1 | **Citations:** 65
DOI: 10.1016/j.amc.2013.07.018

Numerical solutions to initial and boundary value problems for linear fractional partial differential equations 2013
Mujeeb Ur Rehman Rahmat Ali Khan
Applied Mathematical Modelling, Volume 37, Pages 5233-5244
Impact Factor: 2.158 | **Quartile:** 1 | **Citations:** 44
DOI: 10.1016/j.apm.2012.10.045

A numerical method for solving boundary value problems for fractional differential equations 2012
Mujeeb ur Rehman Rahmat Ali Khan
Applied Mathematical Modelling, Volume: 36, Issue: 3, Pages: 894-907
Impact Factor: 1.706 | **Quartile:** 1 | **Citations:** 118
DOI: 10.1016/j.apm.2011.07.045

The Legendre wavelet method for solving fractional differential equations 2011
Mujeeb ur Rehman Rahmat Ali Khan
Communications in Nonlinear Science and Numerical Simulation, Volume 16, Issue 11, Pages 4163-4173
Impact Factor: 2.806 | **Quartile:** 1 | **Citations:** 218
DOI: 10.1016/j.cnsns.2011.01.014

Positive Solutions of Nonlocal Boundary Value Problem for Higher Order Fractional Differential System 2011
Mujeeb ur Rehman Rahmat Ali Khan Paul W. Eloe
Dynamic Systems and Applications, Volume: 20, Issue: 2-3, Pages: 169-182
Impact Factor: 0.319 | **Quartile:** 4
DOI: https://acadsol.eu/dsa/20/1-4/12

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

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

Mathematical Methods in the Applied Sciences 2025

Reviewed Papers for Journals

Impact Factor: 2.1

Chaos, Solitons & Fractals 2025

Reviewed Papers for Journals

Impact Factor: 5.3

Numerical Algorithms 2025

Reviewed Papers for Journals

Impact Factor: 1.7

Mathematics and Computers in Simulation 2025

Reviewed Papers for Journals

Impact Factor: 4.4

Mathematical Methods in the Applied 2025

Reviewed Papers for Journals

Impact Factor: 2.1

Engineering Computations 2024

Reviewed Papers for Journals

Impact Factor: 1.5

Journal of Computational and Applied Mathematics 2024

Reviewed Papers for Journals
Impact Factor: 2.1

Engineering Computations 2024
Reviewed Papers for Journals
Impact Factor: 1.5

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