

List of Reviewers
(as per the published articles)
Year: 2024

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2024 - Volume 20 [Issue 1]

Modelling Mortality in Kenya
DOI: 10.9734/arjom/2024/v20i1777

Reviewers:
(1) Ogungbenle Gbenga, University of Jos, Nigeria.
(2) Manlika Ratchagit, Maejo University, Thailand.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/111814>

A New Type of Bivariate-Gamma Probability Function
DOI: 10.9734/arjom/2024/v20i1778

Reviewers:
(1) Harsh Tripathi, Symbiosis Statistical Institute, Symbiosis International University, India.
(2) Naiju M Thomas, St Dominics College, India.

Additional Reviewers:
(1) Jisha. CR, UNIST, Republic of Korea.
(2) M. Sivabalan, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, India.
(3) Oğuz Yağcı, Kırıkkale University, Türkiye.
(4) Sangeeta Garg, Mewar Institute of Management, India.
(5) S. Govinda Rao, Acharya NG Ranga Agricultural University, India.
(6) Vasantha Kumari, J, College of Agriculture, India.
(7) Zahida Perveen, Lahore Garrison University, Pakistan.
(8) M. G. Shrigan, Jspm University PUNE, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/111548>

Mathematical Modelling and Computational Dynamics of the impact of Quasi-Lockdown Policy in Control of COVID-19 in Akwa Ibom State, Nigeria
DOI: 10.9734/arjom/2024/v20i1779

Reviewers:
(1) Nitin, India.
(2) Manal Mohamed Ahmed Ayed, Sohag University, Egypt.
(3) Dhruvi Kunjiti Patel, Government Polytechnic, India.
(4) Sorokhaibam Aguraj Singh, Manipur University, India.

Additional Reviewers:
(1) Bharadhan Bose, Sree Abirami College of Pharmacy, India.
(2) Dyah Puji Astuti, Universitas Muhammadiyah Gombong, Indonesia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112120>

Minimum Injective Eccentric Dominating Energy of Graphs
DOI: 10.9734/arjom/2024/v20i1780

Reviewers:
(1) Ezimadu Sophia Oghenevwaire, Delta State University, Nigeria.
(2) Mustafa Hasan Hadi, University of Babylon, College of Education for Pure Sciences, Iraq.

Additional Reviewers:
(1) Madu, Cletus Ifeanyi, Nigeria.
(2) Said Agoujil, University Moulay Ismail, Morocco.
(3) S Kalaiselvi, University College of Engineering Bit Campus, India.
(4) Izudin Redzepovic, State University of Novi Pazar, Serbia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113136>

The Minimum Superior Dominating Energy of Graphs
DOI: 10.9734/arjom/2024/v20i1781

Reviewers:
(1) Mina Valinavaz, Shahid Madani Azarbyjan, Iran.
(2) Madu, Cletus Ifeanyi, Federal College of Education, Nigeria.

Additional Reviewers:
(1) Manimekalai S, Dr. N.G.P Arts and Science College, India.
(2) M.Felix Nes Mabel, St. Xavier's Catholic College of Engineering, India.
(3) S Kalaiselvi, University College of Engineering Bit Campus, India.
(4) Shpetim Rexhepi, State University of Tetova, North Macedonia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113097>

2024 - Volume 20 [Issue 2]

Fixed Point Theorems for Kannan Interpolative, Riech Interpolative and Dass-Gupta Interpolative Rational type Contractions in A-Metric Spaces
DOI: 10.9734/arjom/2024/v20i2782

Reviewers:
(1) Pradip Debnath, India.
(2) K. Lenin, Prasad V. Potluri Siddhartha Institute of Technology, India.

Additional Reviewers:
(1) Isaac Kwame Dontwi, Kwame Nkrumah University of Science and Technology, Ghana.
(2) Rina Joshi, IPS Academy, Institute of Engineering & Science, India.
(3) K. Priyanka, Nadar Saraswathi College of Arts and Science, India.
(4) Yumnam Rohen Singh, Manipur University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113623>

Bandwagon Eccentric Domination Polynomial and its Energy in Graphs

DOI: 10.9734/arjom/2024/v20i2783

Reviewers:

- (1) Mustafa Hasan Hadi, University of Babylon, College of Education for Pure Sciences, Iraq.
- (2) S Kalaiselvi, University College of Engineering, India.

Additional Reviewers:

- (1) Mohammad Hailat, University of South Carolina Aiken, USA.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114128>

Analysis of City Transportation Routes with Fleury Algorithm on Bus Route Network: Case Study of Trans Mamminasata Makassar City Indonesia

DOI: 10.9734/arjom/2024/v20i2784

Reviewers:

- (1) Bhavin S. Patel, Government Engineering College, India.
- (2) S. Gopinath, Koneru Lakshmaiah Education Foundation, India.

Additional Reviewers:

- (1) Jomon Kottarathil, St. Joseph's College, India.
- (2) Gabriel Thibeault, The University of Buenos Aires, Argentina.
- (3) Kalshetti Swati Mallinath, Sharnbasva University, India.
- (4) R. Narmada Devi, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114304>

Integrated Inventory Model with Inflation for Deteriorating Items

DOI: 10.9734/arjom/2024/v20i2785

Reviewers:

- (1) Milan Jovic, Montenegro.
- (2) Moumita Deb, Karimganj Polytechnic, India.

Additional Reviewers:

- (1) D.Navetha, Mannai Rajagopalaswamy Government Arts College, Bharathidasan University, India.
- (2) Vipin Kumar, BK Birla Institute of Engineering and Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113345>

Proving Maximal Linear Loose Tangle as a Linear Tangle

DOI: 10.9734/arjom/2024/v20i2786

Reviewers:

- (1) Angelo Monfoglio, Politecnico Milano, Italy
- (2) Benard Gisilanbe Vetbujje, Akdeniz Karpaz Universitesi, Cyprus.

Additional Reviewers:

- (1) Sonia Kaur Bansal, Poornima Group (Poornima Institute of Engineering and Technology), India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113274>

2024 - Volume 20 [Issue 3]

A Logical Proof of the Poincaré's Conjecture Based on Partitions of an Even Number of a New Formulation

DOI: 10.9734/arjom/2024/v20i3787

Reviewers:

- (1) Kirti Verma, Gyan Ganga Institute of Technology and Sciences, India.
- (2) T.N. Kavitha, SCSVMV University, India.

Additional Reviewers:

- (1) Junior Mukomene, The Democratic Republic of the Congo.
- (2) Kalyanlakshmi Chitta, India.
- (3) Manish Khare, MIT Academy of Engineering, India.
- (4) R. Rajeswari, A.P.C. Mahalaxmi College for Women, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114355>

Mathematical Formulation of a Co-infection Model and its Analyses for Monkeypox and HIV/AIDS Infections

DOI: 10.9734/arjom/2024/v20i3788

Reviewers:

- (1) Patsaraporn Somboonsak, Chandrakasem Rajabhat University, Thailand.
- (2) Altaf Ahmad Bhat, University of Technology and Applied Sciences, Oman.
- (3) David A. Oluyori, FUT Babura, Nigeria.
- (4) Titus Ifeanyi Chinebu, Federal College of Dental Technology and Therapy, Nigeria.

Additional Reviewers:

- (1) Aswin Kumar Rauta, SKCG Autonomous College, India.
- (2) Guichen Lu, Chongqing University of Technology, China.
- (3) Saktipada Nanda, Institute of Engineering & Management, Salt Lake, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113995>

Some Results Regarding ϕ -maps on G-Cone Metric Spaces with Banach Algebra

DOI: 10.9734/arjom/2024/v20i3789

Reviewers:

- (1) Mohammed Karmouni, Cadi Ayyad University, Morocco.
- (2) Gabriela Petrusel, Babes-Bolyai University, Romania.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112898>

Solution of Laplace Equation by Modified Differential Transform Method
DOI: 10.9734/arjom/2024/v20i3790

Reviewers:

- (1) Zakir Ullah, School of Mathematical Sciences, University of Electronic Science and Technology of China, China.
- (2) Kedir Aliyi Koroche, Ambo University, Ethiopia.

Additional Reviewers:

- (1) A. Bernick Raj, B. S. Abdur Rahman Crescent Institute of Science and Technology, India.
- (2) Claude R. B. Moutsinga, Sefako Makgatho Health Science University, South Africa.
- (3) Lalit Narsingani, Gujarat Technological University, India.
- (4) M. Abdulkawi, Najran University, Saudi Arabia.
- (5) Mounesha H. Kantli, VTU, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114500>

An Overview of Iweobodo-Mamadu-Njoseh Wavelet (IMNW) and Its Steps in Solving Time Fractional Advection-Diffusion Problems
DOI: 10.9734/arjom/2024/v20i3791

Reviewers:

- (1) Amit Kumar Pandey, Lovely Professional University, India.
- (2) Zeeshan Asghar, College of Humanities and Sciences, Prince Sultan University, Saudi Arabia.

Additional Reviewers:

- (1) Alireza Khalili Golmankhaneh, Islamic Azad University, Iran.
- (2) Sagar R. Khirsariya, Marwadi University, India.
- (3) Rachid Messaoudi, University Mohammed 1st of Oujda, Morocco.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115297>

2024 - Volume 20 [Issue 4]

Analysis of Norm-Attainability and Convergence Properties of Orthogonal Polynomials in Weighted Sobolev Spaces
DOI: 10.9734/arjom/2024/v20i4792

Reviewers:

- (1) Oleksandr Mokliachuk, United States.
- (2) Mykola Yaremenko, KPI, Ukraine.

Additional Reviewers:

- (1) El Azhar Hamza, University Chouaib Doukkali, Morocco.
- (2) Lawan Bulama Mohammed, Federal University Dutse, Nigeria.
- (3) M Premjit Singh, Manipur University, India.
- (4) Nolwazi Sheron Nkomo, University of South Africa, South Africa.
- (5) Sahin Injamamul Islam, Raiganj University, India.
- (6) Satyapriya, University of Delhi, India.
- (7) Rajesh Kumar Yadav, Sido Kanu Murmu University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113722>

A Detailed Proof of the Strong Goldbach Conjecture Based on Partitions of a New Formulation of a Set of Even Numbers
DOI: 10.9734/arjom/2024/v20i4793

Reviewers:

- (1) Pathikrit Basu, India.
- (2) Y. Hari Krishna, Anurag Engineering College, India.
- (3) Imam Saputra, Budi Darma University, Indonesia.
- (4) Ruchi Singh Rajawat, Indira Gandhi National Tribal University, India.
- (5) Nimmala Harathi, Sree Vidyanikethan Engineering College, India.

Additional Reviewers:

- (1) Alok Kumar Agrawal, Amity University Uttar Pradesh, India.
- (2) Qabeela Q. Thabit, Iraq.
- (3) Sajja Tulasi Krishna, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115038>

Novel Idea on Edge-Ultraviolet and Edge-Tangle
DOI: 10.9734/arjom/2024/v20i4794

Reviewers:

- (1) B. Logeshwary, A.M Jain College, India.
- (2) S. Santhi, VISTAS, India.
- (3) Jomon Kottarathil, St. Joseph's College, India.

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- (1) Athul T B, Sree Narayana College, India.
- (2) R. Pichailakshmi, Dhanalakshmi Srinivasan University, India.
- (3) S. Monalisa, Dr. Mahalingam College of Engineering and Technology, India.
- (4) H L Parashivamurthy, Adichunchanagiri University, India.
- (5) S. Anjalmoose, St. Joseph's College of Arts and Science (Autonomous), Cuddalore, India.
- (6) Soumitra Poulik, Vidyasagar University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113272>

Exploring Determinants of Mortality among Adult PLHIV under ART at Meru Teaching and Referral Hospital, Kenya
DOI: 10.9734/arjom/2024/v20i4795

Reviewers:

- (1) Tahira Shamshad, Ghazi University, Pakistan.
- (2) Ahmed Hieran Ramadan AL-jabery, College of Science, Thi-Qar University, Iraq.
- (3) James Andrawus, Federal University Dutse, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116063>

SEIR Model on the Review Impact of Social Distancing for COVID-19 Transmission Dynamics
DOI: 10.9734/arjom/2024/v20i4796

Reviewers:

- (1) S. Vidhya, Cauvery College for Women, India.
- (2) Suhar Manto, Universitas Lampung, Indonesia.
- (3) Teodoro Lara, Lanier Technical College, USA.
- (4) Tejeshwari B V, Rajiv Gandhi University of Health Sciences, Rajarajeswari College of Nursing, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117017>

2024 - Volume 20 [Issue 5]

Restrained Global Defensive Alliances on Some Special Classes of Graphs
DOI: 10.9734/arjom/2024/v20i5797

Reviewers:

- (1) V. Senthilkumar, Cardamom Planters Association College, India.
- (2) S. Arulanand, Hindustan Institute of Technology and Science, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117240>

Some Convergence Theorems of Henstock-Kurzweil-Dunford-Stieltjes Integral and Henstock-Kurzweil- Pettis-Stieltjes Integral of Banach-Valued Functions on R
DOI: 10.9734/arjom/2024/v20i5798

Reviewers:

- (1) M. Joseph Paramasivam, Bishop Heber College, Bharathidasan University, India.
- (2) Sangeeta Garg, Mewar Institute of Management, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117392>

Application of Partitions of Odd Numbers and their Odd Sums to Prove the Nonexistence of Odd Perfect Numbers
DOI: 10.9734/arjom/2024/v20i5800

Reviewers:

- (1) Maysaa Jalil Mohammed, University of Baghdad, Iraq.
- (2) Aleksius Madu, Universitas Nusa Cendana, Indonesia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117263>

Approximate Solutions for Non-Linear Evolution Stochastic Equations with Variations of Drift Parameters
DOI: 10.9734/arjom/2024/v20i5801

Reviewers:

- (1) G. Subash Chandra Bose, Aarupadai Veedu Medical College and Hospital, India.
- (2) Ramsha Shafqat, Thammasat University, Thailand.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/111119>

Equal Sums of Four Even Powers
DOI: 10.9734/arjom/2024/v20i5802

Reviewers:

- (1) Josimar Da Silva Rocha, Universidade Tecnológica Federal do Paraná, Brazil.
- (2) Vani Rajasekar, Kongu Engineering College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114784>

2024 - Volume 20 [Issue 6]

Advancing Numerical Methods of Block Multi-Derivative Approaches for ODEs of Various Orders
DOI: 10.9734/arjom/2024/v20i6803

Reviewers:

- (1) Davron Aslonqulovich Juraev, University of Economics and Pedagogy, Uzbekistan.
- (2) Batini Dhanwanth, Panimalar Institute of Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117344>

Deciding Satisfiability in the Twinkling of an Eye
DOI: 10.9734/arjom/2024/v20i6804

Reviewers:

- (1) G Gomathi, Saveetha School of Engineering, India.
- (2) Đặng Võ Phúc, FPT University, Vietnam.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114855>

Persistent Homology in Solar Production
DOI: 10.9734/arjom/2024/v20i6805

Reviewers:

- (1) Carlos Henrique Tognon, University of São Paulo, Brazil.
- (2) Abdullahi Isyaku, Federal College of Animal Health and Production Technology Ibadan, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118015>

Correlates of Ghanaian Teachers' Understanding of Mathematics Strands and Cognitive Domains in Basic Education Certificate Examination
DOI: 10.9734/arjom/2024/v20i6806

Reviewers:

- (1) Bhawna Agrawal, Rabindranath Tagore University, India.
- (2) Eduardo Edu Jr., C. Cornillez, Eastern Visayas State University, Philippines.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118475>

Conditions of Safe Dominating Set in Some Graph Families

DOI: 10.9734/arjom/2024/v20i6807

Reviewers:

- (1) Poonam Yadav, SRM University, India.
- (2) Elayaraja Aruchunan, Universiti Malaya, Malaysia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117991>

2024 - Volume 20 [Issue 7]

Fixed-Points of Expansive Mappings in Supermetric Spaces

DOI: 10.9734/arjom/2024/v20i7808

Reviewers:

- (1) Shah Fahed, University of Jhang, Pakistan.
- (2) Thokchom Chhatrajit Singh, Manipur Technical University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118520>

A Comprehensive Study of Walmart Sales Predictions Using Time Series Analysis

DOI: 10.9734/arjom/2024/v20i7809

Reviewers:

- (1) Rupesh Kumar, O P Jindal Global University, India.
- (2) S. Shenbagavadivu, SRM Valliammai Engineering College, India.
- (3) Nitin Goyal, Central University of Haryana, India.
- (4) Djoï Noukpo Andre, Benin.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118177>

Finite-Time Synchronization of Fractional-Order Quaternion-Valued Neural Networks under Aperiodically Intermittent Control: A Non-Separation Method

DOI: 10.9734/arjom/2024/v20i7810

Reviewers:

- (1) Devisha Arunadevi Tiwari, Ace Engineering College, India.
- (2) C. Lokanath Reddy, Sai Rajeshwari Institute of Technology, India.
- (3) Shobarani Salvadi, Osmania University, India.
- (4) Sateesh Kumar Vavilala, VLITS, India.
- (5) Tahir Naseem, Government Degree College, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118727>

Modeling HIV-HBV Co-infection Dynamics: Stochastic Differential Equations and Matlab Simulation with Euler-Maruyama Numerical Method

DOI: 10.9734/arjom/2024/v20i7811

Reviewers:

- (1) Piyush Shroff, Texas State University, USA.
- (2) S. Saravanakumar, Sri Ramakrishna Institute of Technology, India.
- (3) Patsaraporn Somboonsak, Chandrakasem Rajabhat University, Thailand.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/119562>

Irredundant and Almost Irredundant Sets in $M_2(C)$

DOI: 10.9734/arjom/2024/v20i7812

Reviewers:

- (1) Milliet Cedric, Lycée Charlie Chaplin, France.
- (2) Mohammed Alchaita, HIAST, Syria.
- (3) Muhammed Mizher Radhi, Middle Technical University (MTU), Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/119259>

2024 - Volume 20 [Issue 8]

Polynomial Time Linear Programs for Hard Constraint Satisfaction Problems

DOI: 10.9734/arjom/2024/v20i8813

Reviewers:

- (1) K. Kalaiarasi, Bharathidasan University, India.
- (2) M. Rhifky Wayahdi, Battuta University, Indonesia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116953>

Some Operations and Their Closure Properties on Multiset Topological Spaces

DOI: 10.9734/arjom/2024/v20i8814

Reviewers:

- (1) Gabriel Gomes De Oliveira, UNICAMP, FEEC, Brazil.
- (2) Xinling Wu, Midway University, United States.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120197>

Re-Investigation of the Foundation of Moment of Inertia by Means of Zero and Minus One Factorial

DOI: 10.9734/arjom/2024/v20i8815

Reviewers:

- (1) Ebrahim E. Elsayed, Mansoura University, Egypt.
- (2) Bilal Abdullah Nasir, Northern Technical University, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116431>

Analysis of the Hilbertian Properties of the Sobolev Space $H^1(\Omega)$
DOI: 10.9734/arjom/2024/v20i8816

Reviewers:

- (1) Omar Purtukhia, I. Javakhishvili Tbilisi State University, Georgia.
- (2) Sumniya Parveen, COER University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120028>

Reevaluating the Complementary Relationship between Single Ultrafilters and Linear Obstacles in Connectivity Systems
DOI: 10.9734/arjom/2024/v20i8817

Reviewers:

- (1) Abdullahi Isyaku, Federal College of Animal Health and Production Technology, Nigeria.
- (2) F. Patrick, Aadhavan College of Arts and Science, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/119750>

A Mathematical Model for Rotavirus Infection Incorporating Time Delay on the Effectiveness of Vaccination with Treatment
DOI: 10.9734/arjom/2024/v20i8818

Reviewers:

- (1) Nurudeen Oluwasola Lasisi, Federal Polytechnic Kaura Namoda, Nigeria.
- (2) Chinwendu Emilian Madubueze, Joseph Sarwuan Tarka University, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120065>

An SVEIR COVID-19 Mathematical Model with Double Dose Vaccination
DOI: 10.9734/arjom/2024/v20i8819

Reviewers:

- (1) A K Paul, School of Applied Sciences, Kiiit Deemed to be University, India.
- (2) Casimir Chidiebere Onyeneke, University of the People, USA.
- (3) Nimisha Mishra, Amity University, India.
- (4) Tony Spiteri Staines, University of Malta, Malta.
- (5) Yusuf Suryo Utomo, Indonesia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/103924>

A Production Inventory Model for Fractionally Time-Dependent Demand Rate with Weibull Deterioration and Partially Backlogged Items
DOI: 10.9734/arjom/2024/v20i8820

Reviewers:

- (1) Henreitta D. Miranda, Bulacan State University, Philippines.
- (2) Ali Fallahi, Sharif University of Technology, Iran.
- (3) Roya M. Ahari, Islamic Azad University, Iran.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120657>

Epidemiological Modelling of Yellow Fever Dynamics
DOI: 10.9734/arjom/2024/v20i8821

Reviewers:

- (1) Nte Nathaniel Isioto, Kenule Beeson Polytechnic Bori Rivers State., Nigeria.
- (2) Vladimir Ryabtsev, Cherkassy branch of the European University, Ukraine.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120503>

An Application of Cyclic Codes over GF2 for Data Encryption and Decryption in Smart Grid Communications
DOI: 10.9734/arjom/2024/v20i8822

Reviewers:

- (1) Dhina Suresh, St. Joseph's College of Arts and Science for Women, India.
- (2) G Thippanna, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120392>

2024 - Volume 20 [Issue 9]

Completion of Weakly Sign Symmetric PO-Matrix Problem for 5×5 Matrices Specifying Digraphs of Order 5 with UP to 5 Arcs
DOI: 10.9734/arjom/2024/v20i9823

Reviewers:

- (1) Zhiwei Yan, Jimei University, China.
- (2) Johana Kibet Sigey, Jomo Kenyatta University of Agriculture and Technology, Kenya.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121188>

The Double Inversion Technique in the Some Blaise Abbo Method Applied to Schrodinger-Type Fractional-Order Evolution Equations
DOI: 10.9734/arjom/2024/v20i9824

Reviewers:

- (1) Hani Gundogdu, Sakarya University, Turkey.
- (2) Emad A. Kuffi, Mustansiriyah University, Iraq.
- (3) Christopher Oluwatobi Adeogun, South China University of Technology, China.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120697>

Weyl's Theorem for Algebraically (\cdot)-Paranormal and Algebraically (\cdot)-*-Paranormal Operators
DOI: 10.9734/arjom/2024/v20i9825

Reviewers:

- (1) Yaremenko Mykola Ivanovich, National Technical University of Ukraine, Ukraine.
- (2) Michael Bautista Baylon, Mapua University, Philippines.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121177>

Modeling the Spatial Dynamics and Human Mobility in Zika Virus Transmission: A Review
DOI: 10.9734/arjom/2024/v20i9826

Reviewers:

- (1) Arun Rastogi, AKTU, India.
- (2) Sakkeel P T, PSMO College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/120874>

Correspondence of Fixed-Point Theorem in T2, T3-SPACE
DOI: 10.9734/arjom/2024/v20i9827

Reviewers:

- (1) Jalil Manafian, University of Tabriz, Iran.
- (2) B.Lakshmi, Velagapudi Ramakrishna Siddhartha Engineering College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121833>

General Structure and Properties of Cyclic Codes Over GF2
DOI: 10.9734/arjom/2024/v20i9828

Reviewers:

- (1) P. Chella Pandian, Vivekananda College, India.
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DOI: 10.9734/arjom/2024/v20i9833

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DOI: 10.9734/arjom/2024/v20i9834

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DOI: 10.9734/arjom/2024/v20i9835

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DOI: 10.9734/arjom/2024/v20i9836

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Analysis of Functional Properties of Fuzzy $\tilde{L}_p(\Omega)$ Spaces
DOI: 10.9734/arjom/2024/v20i9838

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A Modified SIVR Mathematical Model of Covid-19 Post-vaccination Stability Analysis in Kenya
DOI: 10.9734/arjom/2024/v20i9839

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Morphological Factors and Forces Acting in Normal and Sickled Erythrocytes in Sickle Cell Anemia: A Mathematical Model
DOI: 10.9734/arjom/2024/v20i9840

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S-Prime Graph of S-meet Semilattice
DOI: 10.9734/arjom/2024/v20i10841

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Independent Domination Topology of the Friendship Graph and Its Line Graph
DOI: 10.9734/arjom/2024/v20i10842

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Induced Topologies of Independent Domination in Helm Graphs
DOI: 10.9734/arjom/2024/v20i10843

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Shortest Path Problem under Pythagorean Fuzzy Network Using Dijkstra's Algorithm
DOI: 10.9734/arjom/2024/v20i10844

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Design of a Climate Model for Forecasting and Alerting Meningitis Epidemics in Burkina Faso
DOI: 10.9734/arjom/2024/v20i10845

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Comparative Study of Fuzzy Logic Operators
DOI: 10.9734/arjom/2024/v20i10846

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Numerical Solutions of First and Second Order Ordinary Differential Equations Using the Kth Dimensional Differential Transform Method
DOI: 10.9734/arjom/2024/v20i10847

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Compartmental Model for Unemployment Dynamics in Ghana using Caputo Fractional Derivative
DOI: 10.9734/arjom/2024/v20i10848

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Adaptive Position Control of Electrohydraulic Servo Systems with Parameter Uncertainty using Artificial Bee Colony Optimization Algorithm
DOI: 10.9734/arjom/2024/v20i10849

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DOI: 10.9734/arjom/2024/v20i10850

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Hierarchical Stackelberg Control for a Two-Stroke Linear System in Population Dynamics
DOI: 10.9734/arjom/2024/v20i10851

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Mathematical Model for Antimicrobial Resistance Transmission Dynamics in Hospitals
DOI: 10.9734/arjom/2024/v20i10852

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A Six-Point γ -Function Hybrid Block Method for Direct Solution of Third Order Ordinary Differential Equations
DOI: 10.9734/arjom/2024/v20i10853

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A Note on Sum Formulae of Generalized Pentanacci Sequence
DOI: 10.9734/arjom/2024/v20i10854

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DOI: 10.9734/arjom/2024/v20i10856

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A Study on Matrix Sequence with Generalized Guglielmo Numbers Components
DOI: 10.9734/arjom/2024/v20i11855

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Enhanced Adomian Decomposition Method for Accurate Numerical Solutions of PDE Systems
DOI: 10.9734/arjom/2024/v20i11857

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Numerical Scheme to Simulate Caputo Fractional Derivative-Based Unemployment Model
DOI: 10.9734/arjom/2024/v20i11858

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On Some Topological Properties of $Ch(X)$ and of the Dual Operator
DOI: 10.9734/arjom/2024/v20i11859

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125491>

Stability Analysis Techniques for Commensurate Fractional-Order Systems with Caputo Derivatives
DOI: 10.9734/arjom/2024/v20i11860

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A Mathematical Model of Poverty and Cybercrime Dynamics in South-South, Nigeria
DOI: 10.9734/arjom/2024/v20i11861

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Dynamic Behaviour of Simply Supported Non-Uniform Rayleigh Beam under Variable-Magnitude Accelerating Masses and Resting on Non-Uniform Bi-parametric Foundation
DOI: 10.9734/arjom/2024/v20i11862

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Synergies between Machine Learning, Artificial Intelligence, and Game Theory for Complex Decision-Making
DOI: 10.9734/arjom/2024/v20i11863

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Mathematical Model of Copper Nanofluid Flow Past a Spherical Enclosure
DOI: 10.9734/arjom/2024/v20i11864

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On Top Local Homology Modules
DOI: 10.9734/arjom/2024/v20i11866

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Basics of Cyclical Sequences Theory
DOI: 10.9734/arjom/2024/v20i11867

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New Explicit Exact Solutions for the (1+1) Dimensional Generalized Shallow Water Wave Equation
DOI: 10.9734/arjom/2024/v20i11868

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MHD Flow from a Vertical Porous Plate in Presence of Heat Source
DOI: 10.9734/arjom/2024/v20i11869

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Prediction of Air Quality Index Based on Support Vector Machine and Improved Butterfly Optimization Algorithm
DOI: 10.9734/arjom/2024/v20i12870

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Dynamic Modeling of Money Supply and GDP: A State-Space Approach
DOI: 10.9734/arjom/2024/v20i12871

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Evaluating the Efficiency of the Jackknife Kibria-Lukman M-Estimator: A Simulation-Based Comparative Analysis
DOI: 10.9734/arjom/2024/v20i12872

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A Review of the Relationship among Some Selected Probability Distributions
DOI: 10.9734/arjom/2024/v20i12873

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On Fuzzy Sobolev Spaces $W^{1,p}(\Omega)$: Analysis of Dot Product and Fuzzy Norm
DOI: 10.9734/arjom/2024/v20i12874

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A Modified Algorithm to Find Longest Common Subsequences and Optimizing Space, Time
DOI: 10.9734/arjom/2024/v20i12875

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Application of Queueing Theory to Analyze the Performance Metrics of Manufacturing Systems
DOI: 10.9734/arjom/2024/v20i12876

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Generalized Stability of a General Quartic Functional Equation
DOI: 10.9734/arjom/2024/v20i12877

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Nonlinear Partial Differential Equations in Fractional Sobolev Spaces: Existence, Regularity, and Stability
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