

List of Reviewers
(as per the published articles)
Year: 2025

Asian Research Journal of Mathematics
ISSN: 2456-477X

2025 - Volume 21 [Issue 1]

Analyzing Nigeria Monthly Consumer Price Index Using the ARIMA Model
DOI: 10.9734/arjom/2025/v21i1880

Reviewers:

- (1) Gayantha Jayakody, University of Moratuwa, Sri Lankad.
- (2) Emmanuel Antwi, Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development, Ghana.
- (3) Samuel Olu Olagunju, Adeyemi Federal University of Education, Nigeria.

Additional Reviewers:

- (1) Abhaya Kumar Kepulaje, Shri Madhwa Vadiraja Institute of Technology and Management, India.
- (2) R Gautham Goud, Osmania University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128336>

Jump-Preserving Estimation and Jump Detection for Nonparametric Model with Missing Covariate
DOI: 10.9734/arjom/2025/v21i1881

Reviewers:

- (1) Mukta Agarwal, Indus University, India.
- (2) Haifa Taha Abd, Mustansiriyah University, Iraq.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129329>

Dynamic Analysis of an Exponentially Decaying Foundation on the Response of Non-Uniform Damped Rayleigh Beam under Harmonic Moving Load with General Boundary Conditions
DOI: 10.9734/arjom/2025/v21i1882

Reviewers:

- (1) Ahmed E. Abouelregal, Jouf University, Saudi Arabia.
- (2) S. Mathu Kumar, Ponjesly College of Engineering, India.
- (3) Semenov Daniil, Peter the Great St. Petersburg Polytechnic University, Russian.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129621>

Mathematical Modelling of Wastewater Treatment: A Review and Application
DOI: 10.9734/arjom/2025/v21i1883

Reviewers:

- (1) Nwajuaku Ijeoma Immaculata, Nnamdi Azikiwe University, Nigeria.
- (2) Pravesh Chandra, Moradabad Institute of Technology, India.
- (3) Sabadash Vira, Lviv Polytechnic National University, Ukraine.

Additional Reviewers:

- (1) Mahendra S. Dhande, India.
- (2) Santhosh B Panjagal, Kuppam Engineering College, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129579>

Exponential almost Sure Stabilization of Nonlinear Delay Differential Systems under Stochastic Optimal Control Driven by Ito Brownian Noise
DOI: 10.9734/arjom/2025/v21i1884

Reviewers:

- (1) Hena Rani Biswas, University of Barishal, Bangladesh.
- (2) Soumen Paul, Haldia Institute of Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129384>

New Approach: Tabular Fuzzy Arithmetic of the LR Type by Jomatopfe
DOI: 10.9734/arjom/2025/v21i1885

Reviewers:

- (1) Sudhanshu Sekhar Tripathy, C.V Raman Global University, India.
- (2) Shakuntla Singla, MMEC, MM (DU), India.
- (3) Ruqaya Shaker Mahmood, University of Technology, Iraq.
- (4) Hardik Modi, Charotar University of Science and Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129681>

Ultrafilters and Their Dual Relationship to Tree-width in Graph Theory
DOI: 10.9734/arjom/2025/v21i1886

Reviewers:

- (1) Qasim Mohsin Luhaib, Iraq.
- (2) Ali Shojaei-Fard, Iran.

Additional Reviewers:

- (1) Amor Hasic, University of Novi Pazar, Serbia.
- (2) Cyrus F. Nourani, Simon Fraser University, Canada.
- (3) Hamideh Rashidi, University of Jiroft, Iran.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130005>

The Interplay between Quasi-Matroid and Connectivity Systems

DOI: 10.9734/arjom/2025/v21i1887

Reviewers:

- (1) Lim Eng Aik, Institute of Engineering Mathematics, Universiti Malaysia Perlis, Malaysia.
- (2) Karthiksankar. P, G. Venkataswamy Naidu College, India.

Additional Reviewers:

- (1) Manar Mohamed Ahmd Omran, Tanta University, Egypt.
- (2) S. Rajakumar, Krishnasamy College of Engineering and Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130006>

2025 - Volume 21 [Issue 2]**Optimized Hybrid Block Methods with High Efficiency for the Solution of First-order Ordinary Differential Equations**

DOI: 10.9734/arjom/2025/v21i2888

Reviewers:

- (1) Saidu Daudu Yakubu, Ibrahim Badamasi Babangida University, Nigeria.
- (2) Samuel Adamu, Nigerian Army University, Nigeria.

Additional Reviewers:

- (1) Bright O. Osu, Abia State University Uturu, Nigeria.
- (2) Bakari, Ibrahim Abba, Federal University, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130431>

Theoretical Analysis of Nonlinear Partial Differential Equations with Mixed Boundary Conditions

DOI: 10.9734/arjom/2025/v21i2889

Reviewers:

- (1) Endale Ersibo Bafe, Adama Science and Technology University, Ethiopia.
- (2) Jafar Hasnain, Bahria University Islamabad Campus, Pakistan.
- (3) MD. Shamsuddin, SR University, India.

Additional Reviewers:

- (1) N. Ramya, India.
- (2) Rahimah binti Mahat, Universiti Kuala Lumpur Malaysian Institute of Industrial Technology, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130419>

Modelling Seasonal Migration Patterns of Wildebeest under Climate-Driven Changes: A Predator-Prey Model with De Angelis Functional Response

DOI: 10.9734/arjom/2025/v21i2890

Reviewers:

- (1) Arhonefe Joseph Ogethakpo, Delta State University, Nigeria.
- (2) Soumen Kundu, Vellore Institute of Technology, India.

Additional Reviewers:

- (1) Rajeshri. K. Prajapati, Ganpat University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130144>

Common Fixed Point Results for Cubic Type Generalized $(\psi - \phi)$ Weak Contraction in b-Metric Spaces

DOI: 10.9734/arjom/2025/v21i2891

Reviewers:

- (1) B. Revathy, Sri Sarada College for Women, India.
- (2) Dasari Ratna Babu, PSCMR College of Engineering & Technology, India.
- (3) Ehsan Lotfali Ghasab, Jundi Shapur University of Technology, Iran.

Additional Reviewers:

- (1) Maheshwari P.G, Government First Grade College, Krishnarajanagara, India.
- (2) Kodeboina Bhanu Chander, PSCMR College of Engineering & Technology, India.
- (3) Megha Kishor Kothawade, Guru Gobind Singh College of Engineering & Research Centre, India.
- (4) Rakesh Sarkar, Gour Mahavidyalaya, India.
- (5) Sanjib Kumar Datta, University of Kalyani, India.
- (6) Salwa Salman Abed, University of Baghdad, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131006>

The Minimum Reduced Sombor Index of Unicyclic Graphs in Terms of the Girth

DOI: 10.9734/arjom/2025/v21i2892

Reviewers:

- (1) Havva KIRGIZ, Necmettin Erbakan University, Turkiye.
- (2) P. Nithya, SRM Institute of Science and Technology, India.

Additional Reviewers:

- (1) Amalorpava Jerline J, India.
- (2) Amene Alidadi, Tafresh University, Iran.
- (3) Muhammad Danish, Mid Sweden University, Sweden.
- (4) Randhir Singh, Savitribai Phule Pune University, India.
- (5) Ruhul Amin, Assam University, India.
- (6) Syeda Asma Kauser, Global Institute of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130999>

Dynamical Analysis of Delayed Autonomous and Non-Autonomous Oscillators

DOI: 10.9734/arjom/2025/v21i2893

Reviewers:

- (1) Sizar Abid Mohammed, University of Duhok, Iraq.
- (2) Egunjobi, Abiodun Isiaka, Federal University of Agriculture, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130796>

Gaps Between Integers Having a Common Divisor with an Odd Semiprime

DOI: 10.9734/arjom/2025/v21i2894

Reviewers:

- (1) Pemha Binyam Gabriel Cedric, University of Douala, Cameroon.
- (2) D. Nagarajan, Srimad Andavan Arts and Science College, India.
- (3) G. Brindha, St. Joseph's College of Engineering, India.

Additional Reviewers:

- (1) Mehsein Jabel Atteya, College of Education, Mustansiriyah University, Iraq.
- (2) Tilak Raj Sharma, HPU Regional Centre Dharamshala (HP), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131548>

A Mathematical Model for Deciding Optimal Ordering Policy for Fixed Lifetime Inventories with Expected Insurance Costs

DOI: 10.9734/arjom/2025/v21i2895

Reviewers:

- (1) Sanjay Sharma, Ajay Kumar Garg Engineering College, India.
- (2) M John Basha, Computer Science and Engineering (Data Science), Jain (Deemed-to-be University), India.

Additional Reviewers:

- (1) S. Krishnakumar, SETHU Institute Of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131391>

2025 - Volume 21 [Issue 3]

On the Efficiency of Generalized Version Exponential Ratio Cum to Dual-Ratio Cum Type Estimator Via Robust Measure

DOI: 10.9734/arjom/2025/v21i3896

Reviewers:

- (1) Kurdistan Ibrahim Mawlood, University of Salahaddin-Erbil, Iraq.
- (2) Tersoo Uba, Joseph Sarwuan Tarka University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/129340>

Analysis and Simulation on Modelling Mathematical Achievement in Dynamical Systems: A Focus on Parameters Estimation and Addressing Uncertainty

DOI: 10.9734/arjom/2025/v21i3897

Reviewers:

- (1) Kedir Aliyi Koroche, Ambo University, Ethiopia.
- (2) Abiodun Ezekiel Owoyemi, Federal College of Agricultural Produce Technology, Nigeria.
- (3) Jerito Pereira, Instituto Superior Cristal, Timor-Leste.

Additional Reviewers:

- (1) Djeddi Kamel, Oum Elbouaghi University, Algeria.
- (2) Ezekiel Olusegun Babatunde, University of Ibadan, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131689>

Mellin-SBA Method for Solving Nonlinear Partial Differential Equations

DOI: 10.9734/arjom/2025/v21i3898

Reviewers:

- (1) Christian Kasumo, Mulungushi University, Zambia.
- (2) Sarita Poonia, JECRC, India.

Additional Reviewers:

- (1) Francisco Martinez Gonzalez, Polytechnic University of Cartagena, Spain.
- (2) Sateesh Kumar Deevi, Koneru Lakshmaiah Education Foundation, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131549>

Quasi-ultrafilters and Weak-ultrafilters: Their Properties and Maximality
DOI: 10.9734/arjom/2025/v21i3899

Reviewers:

- (1) Carlos Henrique Tognon, Federal University of Triângulo Mineiro, Brazil.
- (2) Beknazarova Saida Safibullayevna, Tashkent University of Information Technologies, Uzbekistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131799>

Estimating Activity Duration in PERT Using the Burr XII Distribution
DOI: 10.9734/arjom/2025/v21i3900

Reviewers:

- (1) Adepeju Opaleye, University of Ibadan, Nigeria.
- (2) Fahmeeda Faique Shaikh, Gujarat Arts & Science College, India.
- (3) Seyed Ali Mirnezami, Islamic Azad University-South Tehran Branch, Iran.

Additional Reviewers:

- (1) Madhuri Prashant Pant, Vishwakarma University, India.
- (2) Luciano Souza, Universidade Federal Do Agreste De Pernambuco – UFAPE, Brasil.
- (3) James Thoengsal, University Of Technology Sulawesi, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131735>

Analysis of Heat and Mass Transfer of Second Grade Fluid Flow with Effects of Hall Current, Viscous Dissipation and Chemical Reaction
DOI: 10.9734/arjom/2025/v21i3901

Reviewers:

- (1) Gaurav Kumar, BBD University, India.
- (2) Ohaegbue Anthony Dumebi, Ladoke Akintola University of Technology, Nigeria.
- (3) Probhas Bose, CEMK, India.

Additional Reviewers:

- (1) CH Shashi Kumar, VNR Vignana Jyothi Institute of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131403>

Second Order Slope Rotatable Designs of Second Type Utilizing Balanced Incomplete Block Designs
DOI: 10.9734/arjom/2025/v21i3902

Reviewers:

- (1) Ali Kamali, American University of Science, Bahrain.
- (2) Nivetha Martin, Arul Anandar College, India.

Additional Reviewers:

- (1) Domga Richard, University of Ngaoundere, Cameroon.
- (2) Ly Van An, Tay Ninh University, Vietnam.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131972>

On Ultrafilters in Matroids: Structural Properties and Metric Considerations
DOI: 10.9734/arjom/2025/v21i3903

Reviewers:

- (1) Taylan Demir, Ankara University, Turkey.
- (2) Kelvin Muzundu, University of Zambia, Zambia.
- (3) Amos Otieno Wanjara, Kaimosi Friends University, Kenya.

Additional Reviewers:

- (1) Vahid Ghorbani, Urmia University, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132564>

Discussion on Maximal Edge-ideal in Graph Theory
DOI: 10.9734/arjom/2025/v21i3904

Reviewers:

- (1) V. Senthilkumar, Cardamom Planters Association College, India.
- (2) Henry Garrett, City University of New York, USA.
- (3) Sivasamy R, Jamal Mohamed College, India.

Additional Reviewers:

- (1) K. Kalaiarasi, Bharathidasan University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132506>

Analysing the Impact of Awareness on the Management and Treatment of Hypertension
DOI: 10.9734/arjom/2025/v21i3905

Reviewers:

- (1) Quarshie Frederick, Ghana.
- (2) V. Srinivasan, Srinivas University, India.

Additional Reviewers:

- (1) Suhat, S.KM, General Achmad Yani University, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132603>

Semi-Matroids on Connectivity System and Linear Decomposition

DOI: 10.9734/arjom/2025/v21i4906

Reviewers:

- (1) P. Jayalakshmi, Sri G.V.G. Visalakshi College For Women, India.
- (2) Geremew Kenassa Edessa, Wollega University, Ethiopia.

Additional Reviewers:

- (1) Sunoj B S, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132619>

Complete Monotonicity of Functions Defined by λ Generalized Psi Function and Its Derivatives

DOI: 10.9734/arjom/2025/v21i4907

Reviewers:

- (1) Virendra Kumar, India.
- (2) Enes ATA, Kirsehir Ahi Evran University, Turkey.
- (3) Amal Mohammed Darweesh, University of Kufa, Iraq.

Additional Reviewers:

- (1) Abbas Al-Shimmary, College of Engineering, Mustansiriyah University, Iraq.
- (2) Hesham Moustafa, Fahad Bin Sultan University, College of Sciences and Humanities, Saudi Arabia.
- (3) Matthew Olanrewaju Oluwayemi, Margaret Lawrence University, Nigeria.
- (4) Meena Kumari Gurjar, Jai Narain Vyas University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132949>

On Supra* Generalized Closed and Open Sets in Supra Bitopological Spaces

DOI: 10.9734/arjom/2025/v21i4908

Reviewers:

- (1) Tomasz Witczak, University of Silesia in Katowice, Poland.
- (2) P. Padma, Prist University, India.
- (3) Saikh Shahjahan Miah, Mawlana Bhashani Science and Technology University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133338>

Statistical Estimation in Piecewise Linear Regression Models

DOI: 10.9734/arjom/2025/v21i4909

Reviewers:

- (1) Tamal Pramanick, National Institute of Technology Calicut, India.
- (2) Mohammed Ahmed Abbas, Iraq.

Additional Reviewers:

- (1) Omar Abdulmohsin Ali, University of Baghdad, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133299>

On Sumset Inequalities: A Mathematical Approach

DOI: 10.9734/arjom/2025/v21i4910

Reviewers:

- (1) C. Saranya, Cauvery College for Women (Autonomous), India.
- (2) Elayaraja Aruchunan, Universiti Malaya, Malaysia.

Additional Reviewers:

- (1) Nishanov Akhram Khasanovich, Tashkent University of Information Technologies, Uzbekistan.
- (2) Simon Joseph, University of Bahr El- Ghazal, South Sudan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133524>

A Mathematical Delay Model for Control of the Spread of HIV/AIDS in a Homogeneous Population

DOI: 10.9734/arjom/2025/v21i4911

Reviewers:

- (1) Olufemi Adesola Adedayo, University of Massachusetts, USA.
- (2) Opeyemi Odetunde, University of Ilorin, Nigeria.

Additional Reviewers:

- (1) Tesfaye Tefera Mamo, Debre Birhan University, Ethiopia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133998>

The Independent Edge Domination Topology Induced by Path Graphs

DOI: 10.9734/arjom/2025/v21i4912

Reviewers:

- (1) Karrar Khudhair Obayes, University of Al-Qadisiyah, Iraq.
- (2) Abdulsattar Abdullah Hamad, University of Samarra, Iraq.

Additional Reviewers:

- (1) Cyrus F Nourani, Simon Fraser University, Canada.
- (2) Lakshmi.B, KSSEM, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133834>

Some Exact Solutions for the Fifth-Order KdV Equation with Constant Coefficients by the Lie Symmetries
DOI: 10.9734/arjom/2025/v21i4913

Reviewers:

- (1) Ashish Tiwari, SGT University, India.
- (2) Fatma Nur Kaya Sağlam, Tekirdağ Namık Kemal University, Turkey.
- (3) Mehmet Pakdemirli, Manisa Celal Bayar University, Turkey.

Additional Reviewers:

- (1) Lakhveer Kaur, Jaypee Institute of Information Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133679>

The Mathematical Modeling of Diabetic Population with the Formulation of Optimal Control Strategies
DOI: 10.9734/arjom/2025/v21i4914

Reviewers:

- (1) Marwa Hussien Mohamed, Al esraa university college, Iraq.
- (2) Adari Ramesh, Adichunchunagiri university, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133208>

Simulation-Based Analysis of Agroforestry Practices in Kisii County Kenya
DOI: 10.9734/arjom/2025/v21i4915

Reviewers:

- (1) Yuslenita Muda, Universitas Islam Negeri Sultan Syarif Kasim Riau, Indonesia.
- (2) Olawale A. Ogunsanmi, Obafemi Awolowo University, Nigeria.

Additional Reviewers:

- (1) Djoï Noukpo Andre, Benin.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134092>

On the Properties of Frames in 2-Hilbert Spaces
DOI: 10.9734/arjom/2025/v21i4916

Reviewers:

- (1) Vijendra Singh Rawat, Teerthanker Mahaveer University, India.
- (2) Sulaiman Awwal Akinwunmi, Federal University of Kashere, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133942>

Pre-service Mathematics Teachers' Demographics and Their Algebraic Thinking Levels in Colleges of Education, Ghana
DOI: 10.9734/arjom/2025/v21i4917

Reviewers:

- (1) Özlem KALAYCI, Türkiye.
- (2) Najma Begum, Maulana Azad National Urdu University, India.

Additional Reviewers:

- (1) David Iortuhwa Takor, Federal Government College Enugu, Nigeria.
- (2) Evelyn Agyei, Akenten Appiah-Menka University of Skills, Technology and Entrepreneurial Development, Ghana.
- (3) Hamidu Ibrahim Bukari, C.K. Tadam University of Technology and Applied Sciences, Ghana.
- (4) Mohamad Rifat, Tanjungpura University, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134231>

Spectral Conditions for Norm-Attainment in Bounded Operators on Hilbert Spaces
DOI: 10.9734/arjom/2025/v21i4918

Reviewers:

- (1) Mohammad Reza Ghanei, University of Isfahan, Iran.
- (2) Chellali Cherifa, Oran, Graduate School of Economics, Algeria.
- (3) Cristian Octav Olteanu, Politehnical University of Bucharest, Romania.
- (4) Manouchehr Amiri, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/129932>

Comparative Analysis of Multiple Linear Regression and Random Forest Regression in Predicting Academic Performance of Students in Higher Education
DOI: 10.9734/arjom/2025/v21i4919

Reviewers:

- (1) Dale Mark N. Bristol, Nueva Vizcaya State University, Philippines.
- (2) Radheshyam H. Gajghat, Sandip Institute of Technology & Research Centre, India.

Additional Reviewers:

- (1) Ayooluwade Ebiwonjumi, Adekunle Ajasin University, Nigeria.
- (2) Dale Mark N. Bristol, Nueva Vizcaya State University, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134197>

Mathematical Modelling of Cholera Transmission Dynamics Incorporating Vaccination
DOI: 10.9734/arjom/2025/v21i4921

Reviewers:

- (1) Owade Kennedy, Masinde Muliro University of Science and Technology, Kenya.
- (2) Agnes Wacuka Njeri, The Catholic University of Eastern Africa, Kenya.
- (3) Shahram Rezapour, Azarbaijan Shahid Madani University, Iran and China Medical University, Taiwan.

Additional Reviewers:

- (1) Fandio Rubin, University of Yaounde 1, Cameroon.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134275>

2025 - Volume 21 [Issue 5]

Mathematical Symmetries of Banig (Native Woven Mats) in Northern Samar
DOI: 10.9734/arjom/2025/v21i5922

Reviewers:

- (1) Tilak Raj Sharma, H.P.U. Regional Centre Dharamshala, India.
- (2) S. Pavithra, Saveetha University, India.

Additional Reviewers:

- (1) Essossolim Cyrille Haliya, University of Abomey-Calavi, International Chair in Mathematical Physics and Applications, Rep. of Benin.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133274>

Construction of Block Hybrid Methods for the Solution of Singular Second Order Ordinary Differential Equation
DOI: 10.9734/arjom/2025/v21i5923

Reviewers:

- (1) Dany Joy, Vellore Institute of Technology, India.
- (2) Mykola Yaremenko, NTUU KPI, Ukraine.

Additional Reviewers:

- (1) Mykola Yaremenko, NTUU KPI, Ukraine.
- (2) Ram Kishun Lodhi, Symbiosis Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134857>

Filters and Tangles in Submodular Partition Functions and Graph Width Parameters
DOI: 10.9734/arjom/2025/v21i5924

Reviewers:

- (1) Srinivasa Rao, Malla Reddy University, India.
- (2) Mohanapriya.G, Kgsil Institute Of Technology, India.
- (3) Gizachew Diga Milki, Jimma University, college of Natural science, Ethiopia.

Additional Reviewers:

- (1) Aleksa Srdanov, The Academy of Applied Technical Studies Belgrade, Republic of Serbia.
- (2) Ayesha Heena, Sharmasva University Kalaburagi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134646>

Evaluating Convergence Rates in Particle Swarm Optimization: Insights from Gradient-Perturbation and Dual-Binary Approaches
DOI: 10.9734/arjom/2025/v21i5925

Reviewers:

- (1) Rashin Gholijani Farahani, Islamic Azad University, Iran.
- (2) Md Al Amin Hossain, Selcuk University, Turkey.
- (3) U Chaitanya, Mahatma Gandhi Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134087>

Anticenter-Symmetric Bialgebras
DOI: 10.9734/arjom/2025/v21i5926

Reviewers:

- (1) Tahir Manzoor, J.B. Institute of Engineering and Technology, India.
- (2) Ali Shojaei-Fard, Iran.
- (3) Sulaiman Awwal Akinwunmi, Federal University of Kashere, Nigeria.

Additional Reviewers:

- (1) Abd El-Mohsen Badawy, Tanta University, Egypt.
- (2) Fernand Kuiebove Pefireko, University of Yaounde 1, Cameroon.
- (3) Mehsin Jabal Atteya, College of Education, Mustansiriyah University, Iraq.
- (4) V. Venkata Kumar, Aditya University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134080>

Problem-solving Skills, Psychological Attributes, and Teaching Competence: A Structural Model on Mathematics Performance of Learners
DOI: 10.9734/arjom/2025/v21i5927

Reviewers:

- (1) Paul Agmabire Akendita, AAMUSTED, Ghana.
- (2) Zhanna Dedovets, The University of The West Indies, Trinidad and Tobago.

Additional Reviewers:

- (1) Aisha, National University of Modern Languages (NUML), Pakistan.
- (2) Archana Deepak Malpathak, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134009>

A Study on Altered Jacobsthal Lucas Numbers Squared: Structural Properties and Applications
DOI: 10.9734/arjom/2025/v21i5928**Reviewers:**

- (1) Lukasz Matysiak, Military University of Technology, Poland.
- (2) Ömer Kişi, Bartın University, Turkey.

Additional Reviewers:

- (1) Havva Kirgiz, Necmettin Erbakan University, Turkiye.
- (2) Irene Magalhaes Craveiro, Federal University UFGD, Brazil.
- (3) V. Pandichelvi, Urumu Dhanalakshmi College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133418>

Analytical study on Ultrafilter in Digraph: Directed Tangle and Directed Ultrafilter
DOI: 10.9734/arjom/2025/v21i5929**Reviewers:**

- (1) Abdul Muneera, Vijaya Institute of Technology for women, India.
- (2) B.K. Keerthiga Priyatharsini, Anna University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135020>

Incomplete Metrics on R with Usual Topology
DOI: 10.9734/arjom/2025/v21i5930**Reviewers:**

- (1) Volety V S Ramachandram, ISTS Engineering College for Women, India.
- (2) Amairullah Khan Lodhi, Jawaharlal Nehru Technological University, India.

Additional Reviewers:

- (1) Mangapathi Nerukonda, B V Raju Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135175>

Structural Analysis of Artin's Cokernel for the Group $(Q21 \times C7)$
DOI: 10.9734/arjom/2025/v21i5931**Reviewers:**

- (1) Lukasz Matysiak, Institute of mathematics and cryptology, Military University of Technology, Poland.
- (2) Syeda Asma Kauser, Global Institute Of Engineering And Technology, India.

Additional Reviewers:

- (1) Siva Prasad Behera, C.V. Raman Global University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134271>

Rational Splines with Minimax Parameters in Nonparametric Regression Inverse Problems
DOI: 10.9734/arjom/2025/v21i5932**Reviewers:**

- (1) Budi Lestari, The University of Jember, Indonesia.
- (2) Saurabh Tomar, Bhilai Institute of Technology, India.

Additional Reviewers:

- (1) Mohammed RASHEED, University of Technology, Iraq.
- (2) Sushovon Jana, Maulana Abul Kalam Azad University of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135561>

Fermatean Fuzzy Artinian and Noetherian Rings
DOI: 10.9734/arjom/2025/v21i5933**Reviewers:**

- (1) Ivanna Melnyk, Ivan Franko National University of Lviv, Ukraine.
- (2) Mantha Srikanth, Malla Reddy Engineering College, India.
- (3) Hem Lata, G.G.D.S.D. College, India.
- (4) Ramesh Dasari, College of Engineering, India.

Additional Reviewers:

- (1) Arsham Borumand Saeid, Shahid Bahonar University of Kerman, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136123>

A Fuzzy Cost Optimization Approach in Smart Waste Collection FM/FM/1 Queueing System with Hexagonal Numbers
DOI: 10.9734/arjom/2025/v21i5934**Reviewers:**

- (1) Chandrika Dadhirao, GITAM Deemed to be University, India.
- (2) Michael Funso Adaramola, Lagos State University Of Science And Technology, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136371>

Khan Academy as a Supplementary Tool in Trigonometry: Effectiveness on Students' Performance
DOI: 10.9734/arjom/2025/v21i5935

Reviewers:

- (1) Miressa Amenu Terfa, Dambi Dollo University, Ethiopia.
- (2) David Rosangliana, Government Zirtiri Residential Science College, India.
- (3) S. Sankara Venkata Subramanian, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136381>

An Iterative Algorithm for Min-max Programming Problem with Addition-min Fuzzy Relational Inequalities in P2P File Sharing Systems
DOI: 10.9734/arjom/2025/v21i5936

Reviewers:

- (1) Nurul Raihen, University of Toledo, USA.
- (2) Yaddarabullah, Universitas Trilogi, Indonesia.

Additional Reviewers:

- (1) K Thirupathi Reddy, Chaitanya Deemed to be University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136420>

2025 - Volume 21 [Issue 6]

On the Density of Some Graphs and Corona Graphs
DOI: 10.9734/arjom/2025/v21i6937

Reviewers:

- (1) Sunitha.K, Scott Christian College, India.
- (2) Mehul A. Chaurasia, Darshan University, India.
- (3) R. Gopi, Srimad Andavan Arts and Science College, India.

Additional Reviewers:

- (1) Uthpala Ekanayake, Rajarata University of Sri Lanka, Sri Lanka.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136870>

Modeling Cholera Transmission Dynamics with Vaccination Using Caputo-Fabrizio Fractional Derivatives
DOI: 10.9734/arjom/2025/v21i6938

Reviewers:

- (1) Dolat Khan, Thailand.
- (2) Bapan Kalita, The Assam Royal Global University, India.

Additional Reviewers:

- (1) Ahmed E. Abouelregal, Jouf University, Saudi Arabia And Mansoura University, Mansoura, Egypt.
- (2) Changjin Xu, Guizhou University of Finance and Economics, China.
- (3) Shivani Sharma, University of Delhi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134335>

Polynomial-Time 0-1 Linear Programming Approach to CNF-SAT Using Totally Unimodular Matrices
DOI: 10.9734/arjom/2025/v21i6939

Reviewers:

- (1) Oksana Porubay, Fergana State Technical University, Uzbekistan.
- (2) Sviridenko Anastasiya Borisovna, University under the Government of the Russian Federation, Russia.
- (3) Asha Sohal, The Northcap University, India.
- (4) Sapan Kumar Das, India.

Additional Reviewers:

- (1) Ashkan Fakhri, University of Science and Technology of Mazandaran, Iran.
- (2) Farnaz Javadi Gargari, Alzahra University, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136739>

Mathematical Model of Cervical Cancer Incorporating Prevention Measures Against the Disease
DOI: 10.9734/arjom/2025/v21i6940

Reviewers:

- (1) Faith Tobore Edafetanure-Ibeh, Harrisburg University of Science and Technology, United States.
- (2) Kiptoo Stephen, Jomo Kenyatta University of Agriculture and Technology, Kenya.
- (3) Shade Oluwakemi KUYORO, Babcock University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136291>

A Property of Point Symmetry under Symmetric Folding Transformation
DOI: 10.9734/arjom/2025/v21i6941

Reviewers:

- (1) Narayan Kumar Bhadra, India.
- (2) Ngaka John Nchejane, National University of Lesotho, Lesotho.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136575>

Antisymmetric Infinitesimal Admissible Hom-bialgebras
DOI: 10.9734/arjom/2025/v21i6942

Reviewers:

- (1) Muthucumaraswamy Rajamanickam, Sri Venkateswara College of Engineering, India.
- (2) Akihito Kikuchi, Japan.
- (3) Leonardo Simal Moreira, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136630>

A Rotating Field Solution of the Dirac Equation
DOI: 10.9734/arjom/2025/v21i6943

Reviewers:

- (1) Vijendra Singh Rawat, Teerthanker Mahaveer University, India.
- (2) Subhajit Samaddar, Vivekananda Centre of Research, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136450>

Lived Experience of Grade 8 Students in a Flipped Mathematics Classroom: A Qualitative Inquiry
DOI: 10.9734/arjom/2025/v21i6944

Reviewers:

- (1) Fatemeh Sadat Alamdar, University of Hormozgan and Farhangian University, Iran.
- (2) Roland Nasayao, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137547>

Mathematics Self Efficacy and Anxiety: Predictors of Mathematics Achievement among Selected Students in the College of Science, University of Eastern Philippines Main Campus
DOI: 10.9734/arjom/2025/v21i6945

Reviewers:

- (1) Getrude Chimfwembe-Gondwe, Chalimbana University, Zambia.
- (2) Adin Lazuardy Firdiansyah, State Islamic University of Madura, Indonesia.

Additional Reviewers:

- (1) Josan D. Tamayo, Centro Escolar University, Philippines.
- (2) Miguel Cruz Ramirez, Universidad Antonio Nariño (Antonio Nariño University), Colombia.
- (3) Umesh M Daivagna, ATLAS Skill Tech University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137564>

Teaching where Numbers Don't Add Up: Lived Realities of Educators Teaching Students with Math Difficulties
DOI: 10.9734/arjom/2025/v21i6946

Reviewers:

- (1) Junymer C. Plantado, Bicol State College of Applied Sciences and Technology, Philippines.
- (2) Olajumoke Olayemi Salami, University of Johannesburg, South Africa.

Additional Reviewers:

- (1) Martin Nobis, University of Eastern Philippines Laoang Campus, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137909>

Associative Algebras Satisfying Quadratic Equations
DOI: 10.9734/arjom/2025/v21i6947

Reviewers:

- (1) S. Nagarani, Sri Ramakrishna Institute of Technology, India.
- (2) Bhupendra Chauhan, Sunbeam Women's College Varuna, India.
- (3) Mamta Amol Wagh, Deen Dayal Upadhyaya College, University of Delhi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137732>

Enhancing Clinical Trial Analysis: The Role of Bayes Factors in Evaluating Drug Efficacy
DOI: 10.9734/arjom/2025/v21i6948

Reviewers:

- (1) Yevhenilia Babenko, V.M. Glushkov Institute of Cybernetics of the National Academy of Sciences of Ukraine, Ukraine.
- (2) Chandrashekar Pandugula, USA.
- (3) Anwesha Roy, University of Calcutta, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137960>

A Study on Dual Hyperbolic Generalised Leonardo Numbers
DOI: 10.9734/arjom/2025/v21i6950

Reviewers:

- (1) Selime Beyza ÖZÇEVİK, Ondokuz Mayıs University, Turkey.
- (2) Sharon Rose Victor Juvvanapudi, Pragati Engineering College, India.

Additional Reviewers:

- (1) Aguemon Wiwegnon Uriel-Longin, Université de Kindia, Guinée.
- (2) Van Chien BUI, Hue University, Vietnam.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137594>

The Effect of the Mathaguyod Remediation Program on the Academic Performance of Junior High School Students in Mathematics
DOI: 10.9734/arjom/2025/v21i6951

Reviewers:

- (1) Elfi Rahmadhani, Institute Agama Islam Negeri Takengon, Indonesia.
- (2) Ahmed. J. M. Al-Zuhairi, College of Medicine, University of Diyala, Iraq.

Additional Reviewers:

- (1) Ahmed. J. M. Al-Zuhairi, University of Diyala, Iraq.
- (2) Diana Izvorska, Technical University of Gabrovo, Bulgaria.
- (3) Febeto Jr. Lumosad Potutan, Santiago National High School, Iligan City, Philippines.
- (4) Herwandi, Lakidende University of Unaaha, Indonesia.
- (5) Yevtushenko Nataliia, National Technical University "Kharkiv Polytechnic Institute", Ukraine.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138187>

Corona Product of Three Molecular Descriptors

DOI: 10.9734/arjom/2025/v21i6952

Reviewers:

- (1) Casmir Onyeneke, London Metropolitan University, UK.
- (2) Haneen Jaafar Sadiq, University of Basrah, Iraq.
- (3) Angelo Marcelo Tusset, Federal University of Technology – Paraná (UTFPR), Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138507>

2025 - Volume 21 [Issue 7]

An Extension to Implicit Second Derivative Method with Variable Step Number for Direct Solution of Second Order Ordinary Differential Equations

DOI: 10.9734/arjom/2025/v21i7953

Reviewers:

- (1) MTM Dewsurendra, University of Peradeniya, Sri Lanka.
- (2) Richard Taparki, Taraba State University, Nigeria.

Additional Reviewers:

- (1) Athraa Abdulsalam, College of Sciences, Al-Nahrain University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138558>

On a New Approach to Total Domination Polynomials

DOI: 10.9734/arjom/2025/v21i7954

Reviewers:

- (1) Amos Otieno Wanjara, Kaimosi Friends University, Kenya.
- (2) Haitham Nashwan Mohammed, College of Computer Science and Mathematics, University of Mosul, Iraq.
- (3) K. Dhilipkumar, KPR College of Arts Science and Research, India.

Additional Reviewers:

- (1) Bahru Tsegaye Leyew, Addis Ababa University, Ethiopia.
- (2) Ebrahim E. Elsayed, Mansoura University, Egypt.
- (3) Elumalai Muthaiyan, St. Joseph's Institute of Technology, India.
- (4) Madan Lal, Mahatma Jyotiba Phule Rohilkhand University, India.
- (5) Muntaha Kudhair abbas, Middle Technical University – Technical college of management, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138707>

Mathematical Modeling and Equilibrium Analysis of Early Life Stress Using a Modified SEIR Framework

DOI: 10.9734/arjom/2025/v21i7955

Reviewers:

- (1) Abagna Stephen, Bongo Senior High School, Ghana.
- (2) Nathan Oigo Mokaya, Masinde Muliro University of Science and Technology, Kenya.
- (3) Radael de Souza Parolin, Federal University of Pampa, Brazil.

Additional Reviewers:

- (1) Ahmed Hasan ALRIDHA, Iraq.
- (2) Radael de Souza Parolin, Federal University of Pampa, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138771>

Existence and Uniqueness of Fixed Point Results Using Compatible Maps of Type (K) in Generalized Fuzzy Metric Spaces

DOI: 10.9734/arjom/2025/v21i7956

Reviewers:

- (1) T Rakesh Singh, Aurora Higher Education and Research Academy, India.
- (2) B. Revathy, Sri Sarada College for Women, India.
- (3) Preeti Sengar, Vikram University, India.

Additional Reviewers:

- (1) Akhilesh Jain, Corporate Institute of Science and Technology, India.
- (2) M. Mohamed Althaf, Jamal Mohamed College (Autonomous), India.
- (3) M. Sornavalli, Velammal College of Engineering and Technology, India.
- (4) S. Sowndrarajan, Arignar Anna Government Arts College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139007>

Relationships between Grade 11 Students' Anxiety and Self-efficacy Compared to Their Mastery of Rational Functions
DOI: 10.9734/arjom/2025/v21i7957

Reviewers:

- (1) Archana Sarkar, Indukaka Ipcowala Institute of Management, Charotar University of Science and Technology, India.
- (2) Ray DeWitt, Hampton University, United States of America.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139379>

A Study on the M-Polynomials and Degree Based Topological Indices of Graphene
DOI: 10.9734/arjom/2025/v21i7958

Reviewers:

- (1) Tony Augustine, Nirmala College, India.
- (2) Mohammed Yasin H, SRM Institute of Science and Technology, India.
- (3) Syeda Asma Kauser, Global Institute of Engineering and Technology, India.
- (4) Randhir Singh, Savitribai Phule Pune University, India.

Additional Reviewers:

- (1) Gunasekar T, Vel Tech University, India.
- (2) Lavanya E, Acharya Institute of Graduate Studies, India.
- (3) M. Raji, Vels Institute of Science, Technology and Advanced Studies, India.
- (4) Shiladhar Pawar, University of Horticultural Sciences, Bagalkot, Indian.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139209>

Mathematical Modelling and Analysis of Malaria Transmission Dynamics with Early and Late Treatment Interventions
DOI: 10.9734/arjom/2025/v21i7959

Reviewers:

- (1) Agnes Wacuka Njeri, The Catholic University of Eastern Africa, Kenya.
- (2) Nathan Oigo Mokaya, Masinde Muliro University of Science and Technology, Kenya.
- (3) Rashid Jan, Universiti Tenaga Nasional, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139446>

On Gaussian Generalized Pierre Numbers
DOI: 10.9734/arjom/2025/v21i7960

Reviewers:

- (1) Sithembele Nkonkobe, Sol Plaatje University, South Africa.
- (2) M.N. Bharathi, Vels University, India.
- (3) R. Janagaraj, Karpagam Academy of Higher Education, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139126>

Smart EOQ Models for Sustainable Supply Chains: Integrating AI, Green Logistics, and Dynamic Demand
DOI: 10.9734/arjom/2025/v21i7961

Reviewers:

- (1) Sanjay Vijay Mhaskey, USA.
- (2) Animesh Kumar Sharma, The ICFAI University Raipur, India.
- (3) Vinay Kumar Singh, United States.

Additional Reviewers:

- (1) Prerna Jain, Gitarattan International Business School, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139567>

Modelling the Hall Effect in a Steady Magneto-Convection and Radiative Heat Transfer Past a Porous Plate
DOI: 10.9734/arjom/2025/v21i7962

Reviewers:

- (1) Vinothkumar B, Rajalakshmi Institute of Technology, India.
- (2) Anjali Kailas Shinde, K.R.T. Arts, B. H. Commerce and A.M. Science College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138339>

A Note on the Polynomial $D^x(G, x)$
DOI: 10.9734/arjom/2025/v21i7963

Reviewers:

- (1) Naresh Kumar H, SASTRA Deemed to be University, India.
- (2) Roselin Suhi R, Mar Ephraem College of Engineering and Technology, India.
- (3) Lim Eng Aik, University Malaysia Perlis, Malaysia.
- (4) Jayaram S R, Renus Academy, India.

Additional Reviewers:

- (1) D. Kalamani, Bhathiar University PG Extension and Research Centre, India.
- (2) D. Nithya, Hindusthan College of arts and science, India.
- (3) M. Felix Nes Mabel, St. Xavier's Catholic College of Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139848>

Global Boundedness in a Two-species Predator-prey Chemo-taxis Model with Indirect Signal Production
DOI: 10.9734/arjom/2025/v21i7964

Reviewers:

- (1) T. Megala, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, India.
- (2) Taylan Demir, Ankara University & Çankaya University, Turkey.
- (3) Pochamreddy Sireesha Devi, Anurag University, India.

Additional Reviewers:

- (1) R. Geetha, CSI College of Engineering, Ketti, Ooty, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139758>

Stability of the Damped Three-Dimensional Incompressible Boussinesq Equations
DOI: 10.9734/arjom/2025/v21i7965

Reviewers:

- (1) Kailash Yadav, Nirwan University, India.
- (2) Madan Jagtap, Symbiosis Institute of Operations Management, India.
- (3) Rashmi Mishra, G L Bajaj Institute of Technology & Management, India.

Additional Reviewers:

- (1) Christopher Oluwatobi Adeogun, South China University of Technology, China.
- (2) George Albert Toma, Higher Institute for Applied Sciences and Technology, Syrian Arab Republic.
- (3) José Rodrigo Alejandro Martínez Díaz, Mexico.
- (4) K Sunil Kumar, Sri Venkateswara College Of Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139757>

Global Convergence in Non-relativistic Limits for the Non-isentropic Euler-Maxwell System Near Non-constant Equilibrium
DOI: 10.9734/arjom/2025/v21i7966

Reviewers:

- (1) Priyanka Bisht, Kumaun University Nainital, India.
- (2) Carlos Henrique Togno, University of São Paulo, Brazil.
- (3) Musibau Abayomi OMOLAYE, Nigerian Defence Academy, Nigeria.
- (4) Olufemi Adesola Adedayo, University of Massachusetts Amherst, USA.

Additional Reviewers:

- (1) Henry Garrett, Hunter College, City University of New York, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139693>

The Structural Properties of $g_\alpha(Z_n)$: Eulerianity, Kernel and Domination Aspects
DOI: 10.9734/arjom/2025/v21i7967

Reviewers:

- (1) M. Kannan, Sardar Vallabhbhai Patel International School Of Textiles And Management, India.
- (2) Gopal K. Rathod, Government Science College, India.

Additional Reviewers:

- (1) Arijit Mishra, NEF College, India.
- (2) Gowtham K J, India.
- (3) Jaber Hussain Jaber Asalool, Sana'a Community College, Yemen.
- (4) M. Ramya, Chevalier T. Thomas Elizabeth College for Women, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140553>

2025 - Volume 21 [Issue 8]

On Solution of Singular Cauchy Problem of Generalized Euler Poisson Darboux Equation Using Extended K-Integral Transmutation Composition Method
DOI: 10.9734/arjom/2025/v21i8968

Reviewers:

- (1) Nurul Raihen, University of Toledo, USA.
- (2) Vahid Keshavarz, Shiraz University of Technology, Iran.

Additional Reviewers:

- (1) Hemlal Rathore, Dr. Bhanvar Singh Porte Government College Pendra, India.
- (2) Jalil Manafian, University of Tabriz, Iran.
- (3) Krishna Murari Malav, ABV-Indian Institute of Information Technology and Management Gwalior, India.
- (4) Suharmanto, Universitas Lampung, Indonesia.
- (5) Vicran Zharvan, Universitas Negeri Makassar, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136973>

Teaching Anxiety and Pedagogical Competencies of Mathematics Teachers in Public Secondary Schools in the First Congressional District of Northern Samar, Philippines
DOI: 10.9734/arjom/2025/v21i8969

Reviewers:

- (1) Xerxes M. Budomo, Western Governors University, USA.
- (2) Herman M. Lagon, Iloilo State University of Fisheries Science and Technology, Philippines.

Additional Reviewers:

- (1) Aminu Yusuf, Abubakar Tafawa Balewa University, Nigeria.
- (2) Baiduri, University of Muhammadiyah Malang, Indonesia.
- (3) Caleb Moyo, Eudoxia Research University, Qatar.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140382>

Fractional-order Gradient Descent for Enhancing Deep Learning Optimization
DOI: 10.9734/arjom/2025/v21i8970

Reviewers:

- (1) M. Jayalakshmi, Ravindra College of Engineering for Women, India.
- (2) S. Saravanan, Annamalai University, India.
- (3) V T Ram Pavan Kumar, Kakraparti Bhavanarayana College, India.

Additional Reviewers:

- (1) Gargi J Trivedi, The Maharaja Sayajirao University of Baroda, India.
- (2) Omotunde Muiyiwa, University of Ibadan, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133286>

Adaptive Hybrid Gradient-based Particle Swarm Optimization for Enhanced Neural Network Training
DOI: 10.9734/arjom/2025/v21i8971

Reviewers:

- (1) Silpa N, Shri Vishnu Engineering College for Women (Autonomous), India.
- (2) B VSubba Rao, PVP Siddhartha Institute of Technology, India.

Additional Reviewers:

- (1) Rahul Rajendra Papalkar, Vishwakarma University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133287>

Dual Hyperbolic Generalized Adrien Numbers
DOI: 10.9734/arjom/2025/v21i8972

Reviewers:

- (1) Ümit Tokeşer, Kastamonu University, Turkey.
- (2) Daisi Israel Komolafe, Greensprings School Lagos, Nigeria.
- (3) Hemlata Saxena, Career Point University, India.

Additional Reviewers:

- (1) Naeem Ullah, Islamia College Peshawar, University Campus, Pakistan.
- (2) Shah Fahed, University of Jhang, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141214>

Coefficient Estimates for Initial Taylor-Maclaurin Coefficients for a New Family of Bi-univalent and Analytic Functions Defined Using the Integral Operator
DOI: 10.9734/arjom/2025/v21i8973

Reviewers:

- (1) Annapooma S, Vidyavardhaka College of Engineering – MYSURU, India.
- (2) P. Thirupathi Reddy, Drk Institute of Science & Technology, India.
- (3) Ahmad Motamednezhad, Shahrood University of Technology, Iran.

Additional Reviewers:

- (1) Ahmad Motamednezhad, Shahrood University of Technology, Iran.
- (2) Georgia Irina Oros, University of Oradea, Romania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141356>

Characterizations of Bounded Linear Operators on Banach Space-Valued Fibonomial Sequence Spaces
DOI: 10.9734/arjom/2025/v21i8974

Reviewers:

- (1) Veerabhadrayya T. Hosamath, K.L.E. Institute of Technology, India.
- (2) Kiran Dewangan, Postgraduate Autonomous College, India.
- (3) Mogoi N. Evans, Jaramogi Oginga Odinga University of Science and Technology, Kenya.
- (4) Vipin Kumar, Teerthanker Mahaveer University, India.

Additional Reviewers:

- (1) Fatima Ne'ma Yassin, College of Science University of Al-Qadisiya, Iraq.
- (2) Karamali, Shahid Sattari Aeronautical University of Science and Technology, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141309>

On the Spectrum of Some Infinite Matrix as an Operator on the Sequence Space c_0
DOI: 10.9734/arjom/2025/v21i8975

Reviewers:

- (1) Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania.
- (2) S Kalaiselvi, University College Of Engineering, India.
- (3) Mahesh Mudavath, Siddhartha Institute of Technology and Sciences, India.
- (4) Syed Qadeeruddin Chishty, Dr. Rafiq Zakaria college For women, India.
- (5) R. Muthamizh Selvi, Saradha Gangadharan College, Affiliated to Pondicherry University, India.

Additional Reviewers:

- (1) Florante D. Poso, Polytechnic University of the Philippines, Philippines.
- (2) Sammy Musundi, Chuka University, Kenya.
- (3) Umakant Bhaskar Gohatre, Mumbai University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141359>

Edge Induced V4-Magic Labeling of Subdivision Graphs
DOI: 10.9734/arjom/2025/v21i8976

Reviewers:

- (1) P. Krishnaveni, Thiagarajar College, India.
- (2) Tony Augustine, Nirmala College, India.
- (3) H. Velwet Getzimah, Pope's College, India.

Additional Reviewers:

- (1) D Devakirubanithi, ST Thomas College of Arts And Science, University of Madras, India.
- (2) D.A. Angel Sherin, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College For Women, India.
- (3) G. Venkat Narayanan, India.
- (4) G. Ishiya Manji, ST. John's College Of Arts And Science, India.
- (5) K. D. Eranda Dhananjaya, University of Peradeniya, Sri Lanka.
- (6) M. Sindhu, Knowledge Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140754>

A Study On Dual Generalized Edouard Numbers
DOI: 10.9734/arjom/2025/v21i8977

Reviewers:

- (1) Elumalai Muthaiyan, St. Joseph's Institute of Technology, India.
- (2) Riya Desai, V. S. Patel College of Arts & Science, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142172>

Geometry and Topology of Moduli Spaces in Modern Mathematics
DOI: 10.9734/arjom/2025/v21i8978

Reviewers:

- (1) Subham De, Indian Institute of Technology, India.
- (2) Madu Cletus Ifeanyi, Federal College of Education, Nigeria.
- (3) Carlos Henrique Tognon, Federal University of Triangulo Mineiro, Brazil.

Additional Reviewers:

- (1) Isra Natheer Alkallak, University of Mosul, Iraq.
- (2) S Kalaielvi, University College Of Engineering Bit Campus, Anna University, India.
- (3) Shunmugapriya A, Sri Sarada College for Women (Autonomous), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138336>

A Stochastic Differential Equation Model for HIV/AIDS Transmission Dynamics in Heterosexual Populations
DOI: 10.9734/arjom/2025/v21i8979

Reviewers:

- (1) Simon Pombili Kashihlwa, Namibia University of Science and Technology, Namibia.
- (2) Muhammad Mahbubur Rashid, International Islamic University Malaysia, Malaysia.
- (3) Ancent Makau Kimulu, Machakos University, Kenya.
- (4) Abdul Hussain Surosh, Baghlan University, Afghanistan.

Additional Reviewers:

- (1) Umar Saidu Bashir, Federal Polytechnic Bali, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141848>

Modeling and Optimization of Temperature-Dependent Perfusion and Cellular Dynamics in Radio Frequency Ablation Using Modified BHTE
DOI: 10.9734/arjom/2025/v21i8980

Reviewers:

- (1) Abubakar Assidiq Hussaini, Abubakar Tafawa Balewa University Bauchi, Nigeria.
- (2) Yung-Tsung, Cheng, Kun Shan University, Taiwan.
- (3) Sikiru Adesina Amoo, Federal University Wukari, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142276>

Sustainable Tourism Dynamics through Nonlinear Systems and Lyapunov Stability Analysis
DOI: 10.9734/arjom/2025/v21i8981

Reviewers:

- (1) Elvir Čajić, University Tuzla, Bosnia and Herzegovina.
- (2) Kaboré Pousga E. Jean Claude, Burkina Faso.
- (3) Abdelhamid Bounemour, National Polytechnic School of Constantine, Algeria.

Additional Reviewers:

- (1) Antonio Iván Ruiz Chaveco, Amazonas State University, Tabatinga.
- (2) Jackson E. Ante, Topfaith University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138346>

Binary Particle Swarm Optimization in Banach Spaces via Mixed Greedy and Dual Approaches
DOI: 10.9734/arjom/2025/v21i8982

Reviewers:

- (1) Tejaswita Katyayani, University Institute of Technology RGPV, India.
- (2) Sasmita Tripathy, KIIT University, India.
- (3) Umesh Kumar Singh, Teerthanker Mahaveer University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139006>

Restrained Semitotal Domination in Various Graph Structures

DOI: 10.9734/arjom/2025/v21i9983

Reviewers:

- (1) Abdul Muneera, College of Engineering, India.
- (2) B.K. Keerthiga Priyatharsini, Anna University, India.
- (3) John Joy, St. Stephen's College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140418>

Analysis of the Regularity of a Measurement on a Metric Space

DOI: 10.9734/arjom/2025/v21i9984

Reviewers:

- (1) D. Balraj, Bharathidasan University, India.
- (2) Amos Otieno Wanjara, Kaimosi Friends University, Kenya.

Additional Reviewers:

- (1) Riyadh Al-Moktar Chteoui, University of Tabuk, Saudi Arabia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141558>

Dynamics in Fleet Management with Competition for Passengers at Optimal Levels

DOI: 10.9734/arjom/2025/v21i9985

Reviewers:

- (1) Deepanjali Sahu, Dr. C. V. Raman University, India.
- (2) P. Vijayakumar, Nehru Institute of Technology, Coimbatore, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142640>

Ranks and Subdegrees of the Action of the Product of Four Alternating Groups on the Cartesian Product of Four Sets of Ordered Pairs

DOI: 10.9734/arjom/2025/v21i9986

Reviewers:

- (1) J. Arockia Aruldoss, St. Joseph's College of Arts and Science, India.
- (2) Beza Lamesgin Derseh, Debre Markos University, Ethiopia.

Additional Reviewers:

- (1) Gayathri K S, A.E.S. National College, India.
- (2) Pratik Singh Thakur, Govt. V.Y.T. PG. Autonomous College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142792>

Star Chromatic Index of Some Types of Graphs

DOI: 10.9734/arjom/2025/v21i9987

Reviewers:

- (1) Santhosh P. K., Govt. College Mokeri, India.
- (2) Ali Raza, University of the Punjab, Pakistan.
- (3) Anjali Kailas Shinde, K.R.T. Arts, B. H. Commerce and A.M. Science College, India.

Additional Reviewers:

- (1) E Keshava Reddy, JNTUA College of Engineering, India.
- (2) Mohanapriya N, Kongunadu Arts and Science College, India.
- (3) Pranesh Kulkarni, T. John Institute Of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142456>

Compactness of Pseudo-Differential Type Operators Involving Fractional Fourier Transform

DOI: 10.9734/arjom/2025/v21i9988

Reviewers:

- (1) Mykola Yaremenko, National Technical University of Ukraine, Igor Sikorsky Kyiv Polytechnic Institute, Ukraine.
- (2) V. Kumar, Ghent University, Belgium.
- (3) Ahmed Buseri Ashine, Arsi University, Ethiopia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143161>

Predicting the Physicochemical Properties of Herbal Glycosides Using Topological Indices and Regression Modelling

DOI: 10.9734/arjom/2025/v21i9989

Reviewers:

- (1) Susmita Chakrabarty, DRIEMS University, India.
- (2) V Yamuna, Meenakshi College of Pharmacy, India.
- (3) Shahid Siddhik Attar, Savitribai Phule Pune University, India.
- (4) Kuppala Manohar Babu, Godavari Global University, India.

Additional Reviewers:

- (1) Muhammad Kamran Siddiqui, Comsats University Islamabad, Lahore Campus, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143031>

Performance Analysis of a Fuzzy Markovian Queueing System with a Posteriori Impatience Using the L–R Method
DOI: 10.9734/arjom/2025/v21i9990

Reviewers:

- (1) Sumitra Panda, Siksha O Anusandhan Deemed to be University, India.
- (2) George Albert Toma, Higher Institute for Applied Sciences and Technology, Syrian Arab Republic.

Additional Reviewers:

- (1) Kailash Yadav, Nirwan University Jaipur, India.
- (2) Sanjeev Kumar, Govt. PG College Dhaliara, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142626>

A Note on the Concept of Absolutely p -summing Operators

DOI: 10.9734/arjom/2025/v21i9991

Reviewers:

- (1) Mogi N. Evans, Kisii University, Kenya.
- (2) Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania.
- (3) M. Palanikumar, SRM Valliammai Engineering College, India.

Additional Reviewers:

- (1) Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania.
- (2) Dragan Djordjevic, University of Nis, Serbia.
- (3) Manjari Srivastava, V.S.S.D. College, CSJM University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143323>

The Estimation of Pseudo-differential Operators Utilising the Coupled Fractional Fourier Transform and a Certain Inequality

DOI: 10.9734/arjom/2025/v21i9992

Reviewers:

- (1) Enes ATA, Bingol University, Turkey.
- (2) Halil ANAÇ, Gumushane University, Turkey.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143721>

2025 - Volume 21 [Issue 10]

Density Analysis of Basic Graphs and Their Corona Products

DOI: 10.9734/arjom/2025/v21i10993

Reviewers:

- (1) M.S. Dhaiya, Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, India.
- (2) Chitra Ramaprakash, S-Vyasa University, S-Vyasa School of Advanced Studies, India.
- (3) N. Mary Bernard, Tirunelveli Dakshina Mara Nadar Sangam College, India.
- (4) Mohd Framan Ali, Madhav University, India.

Additional Reviewers:

- (1) S. Nagarajan, Kongu Arts and Science College (Autonomous), India.
- (2) Sakunthala Srinivasan, Mother Teresa Women's University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144239>

On Sum Cordialness of Some Fractal Graph

DOI: 10.9734/arjom/2025/v21i10994

Reviewers:

- (1) S Ssriram, Patrician College of Arts and Science, affiliated to University of Madras, India.
- (2) Shobha V. Patil, KLE Technological University, India.
- (3) K. Lalithambigai, Sri Kaliswari College, India.

Additional Reviewers:

- (1) Kayode Ezecheal OBAFEMI, Kwara State University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145028>

A Fuzzy Approach to Parameter Estimation in Autoregressive Models

DOI: 10.9734/arjom/2025/v21i10996

Reviewers:

- (1) Sanjay Kumar, K. L. University, India.
- (2) Yogeesh N, Government First Grade College, India.
- (3) Mrutyunjaya Sahoo, National Institute of Technology Rourkela, India.
- (4) R. Raman, Grace College of Engineering, India.

Additional Reviewers:

- (1) Mardi Turnip, Universitas Prima Indonesia, Indonesia.
- (2) R. Raman, Grace College Of Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142322>

Relation of ABC and ABSC Index of Regular Graphs with Its Graph Operations

DOI: 10.9734/arjom/2025/v21i10997

Reviewers:

- (1) Neeraj Kumar Tomar, University School of Vocational Studies and Applied Science, Gautam Buddha University, India.
- (2) Akhil B., University of Kerala, India.
- (3) John Joy, St. Stephen's College, India.

Additional Reviewers:

- (1) Chandrakala S.B, Nitte Meenakshi Institute of Technology, NITTE Deemed to be University, India.
- (2) John Joy, St. Stephen's College, India.
- (3) K. Radha, Thanthai Periyar Government Arts and Science College (Autonomous), India.
- (4) M. Asim Basha, Arunai Engineering College Tiruvannamalai, India.
- (5) Muhammad Asif Javed, University of Southern Punjab, Pakistan.
- (6) N. Ramya, Kongu Engineering College, India.
- (7) Sakunthala Srinivasan, Mother Teresa Women's University, India.
- (8) Sukrit Chakraborty, Achhruram Memorial College, India.
- (9) Syeda Asma Kauser, Global Institute Of Engineering And Technology, India.
- (10) Takaaki Fujita, Japan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144786>

Membership Conditions in Neutrosophic N-Normed Linear Spaces

DOI: 10.9734/arjom/2025/v21i10998

Reviewers:

- (1) Leena Nelson S N, Women's Christian College, India.
- (2) Mohammad Asadpour Fazallahi, University of Tabriz, Iran.

Additional Reviewers:

- (1) Alaa Abdalnasser Awad Abdallah, Dr. Babasaheb Ambedkar Marathwada University, India.
- (2) Yilmaz Yilmaz, Türkiye.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135821>

Mathematical Analysis of a Tuberculosis Model Incorporating Vaccination, Treatment and Re-Infection

DOI: 10.9734/arjom/2025/v21i10999

Reviewers:

- (1) Michele Nardelli, Federico II University, Italy.
- (2) R. Ramesh, SRM Institute of Science and Technology, India.
- (3) Ahmed Haroon Khaleel, University of Sumer, Iraq.
- (4) Agnes Wacuka Njeri, The Catholic University of Eastern Africa (CUEA), Kenya.

Additional Reviewers:

- (1) Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania.
- (2) Geremew Kenassa Edessa, Wollega University, Ethiopia.
- (3) Mohit Soni, Government Holkar Science College, Indore, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145838>

Modelling Uncertainty and Cooperation in Renewable Energy Investments using Fuzzy Cooperative Game Theory

DOI: 10.9734/arjom/2025/v21i101000

Reviewers:

- (1) Ammar Abdulazeez Yahya, University of Technology, Iraq.
- (2) Wang Zhongli, Beibu Gulf University, China.
- (3) Hamza Naveed, King Mongkut's University, Thailand.
- (4) Essoyomewè KIEOU, University of Kara, Africa.

Additional Reviewers:

- (1) Joseph Chukwunweike, UK.
- (2) K. Kalaiarasi, Bharathidasan University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145834>

On Variety of Signed Product Cordialness of Copper-oxide and Its Extended Networks

DOI: 10.9734/arjom/2025/v21i101004

Reviewers:

- (1) K. Lalithambigai, Sri Kaliswari College, India.
- (2) Beaula Charles, Sai University, India.
- (3) Biswadip Basu Mallik, Institute of Engineering & Management, University of Engineering and Management, India.

Additional Reviewers:

- (1) Mohammadesmail Nikfar, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145939>

Some Results on Pseudo-differential Operators Related Coupled Fractional Fourier Transform Involving Semi-norms & Norms

DOI: 10.9734/arjom/2025/v21i101005

Reviewers:

- (1) Akilahmad Sheikh, India.
- (2) Vinita Agarwal, Thakur College of Engineering and Technology, India.
- (3) Priyanka Pandey, Dayananda Sagar University, India.

Additional Reviewers:

- (1) Alok Kumar Agrawal, Amity University Uttar Pradesh, India.
- (2) Masomeh Aghamohamadi, Iran.
- (3) Rana Noori Majeed, College of Education for Pure Science (Ibn Al-Haitham), University of Baghdad, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144957>

Classical Nonelementary Integrals and Dominating Sequential Functions
DOI: 10.9734/arjom/2025/v21i101006

Reviewers:

- (1) Sanjit Kumar Mohanty, B.S. College, India.
- (2) Prabakaran Raghavendran, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India.
- (3) Pranesh Kulkarni, T. John Institute of Technology Bangalore, India.

Additional Reviewers:

- (1) Abdujabar Rasulov, University of World Economy and Diplomacy, Uzbekistan.
- (2) Enes ATA, Bingol University, Turkey.
- (3) Hemlata Saxena, Career Point University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145407>

2025 - Volume 21 [Issue 11]

Analysis of Errors Related to the Concept of Derivative among 3rd-year Science Students in Goma, DR Congo
DOI: 10.9734/arjom/2025/v21i111007

Reviewers:

- (1) Syrenzo R. Sicuan, Pangasinan State University, Philippines.
- (2) Ebenezer Agudey Akuteye, Regentropfen University College, Ghana.
- (3) Olujide Dixon, Olabisi Onabanjo University, Nigeria.

Additional Reviewers:

- (1) Bashir Idris, Federal College of Education (Technical) Gusau, Nigeria.
- (2) Rofiat Adewumi Aderinoye-Rabiu, Federal University of Health Sciences, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144084>

Positive Periodic Solutions to Lie'nard Equation with Indefinite Weights
DOI: 10.9734/arjom/2025/v21i111008

Reviewers:

- (1) Mortza Bayat, Islamic Azad University, Iran.
- (2) Madan Lal, Mahatma Jyotiba Phule Rohilkhand University, India.
- (3) P. Vinothini, Auxilium College, India.

Additional Reviewers:

- (1) George Albert Toma, Syrian Arab Republic.
- (2) Kailash Yadav, Central University of Haryana Jant-Pali, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146372>

Compactness Properties of Pseudo-differential Operators Related with the Coupled Fractional Fourier Transform
DOI: 10.9734/arjom/2025/v21i111009

Reviewers:

- (1) Youssri Hassan Youssri, Cairo University, Egypt.
- (2) Hemlata Saxena, Career Point University, India.

Additional Reviewers:

- (1) Mir Afzal Ahmed Talpur, Isra University, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144958>

Stability of Additive and a Generalized Quadratic Functional Equations in Banach Spaces
DOI: 10.9734/arjom/2025/v21i111010

Reviewers:

- (1) Nolwazi Nkomo, University of South Africa, South Africa.
- (2) Youssri Hassan Youssri, Cairo University, Egypt.
- (3) Nurul Raihen, University of Toledo, USA.

Additional Reviewers:

- (1) Ashrafoalsadat Shekarbaghani, Research Institute of Education studies(rie) Organization for Educational Research and Planning (OERP), Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146955>

Imbalanced Sample Size Problems for Linear Discriminant Analysis
DOI: 10.9734/arjom/2025/v21i111011

Reviewers:

- (1) Ademola Oluwaseun Salako, United State of America.
- (2) Abhijit Biswas, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146962>

Sixth Parameter Symmetry for a Second Order Ordinary Differential Equation
DOI: 10.9734/arjom/2025/v21i111012

Reviewers:

- (1) Enes ATA, Turkey.
- (2) K. Bharathi, India.
- (3) Mario Alberto Sandoval-Hernandez, Mexico.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146542>

Reviewers:

- (1) Sunil Kumar Yadav, Banaras Hindu University, India.
- (2) Kandadi Thirupathi Reddy, India.

Additional Reviewers:

- (1) Anjali Kailas Shinde, K.R.T. Arts, B. H. Commerce and A.M. Science College, India.
- (2) Eddula Keshava Reddy, JNTUA, India.
- (3) Geremew Kenassa Edessa, Wollega University, Ethiopia.
- (4) M. K. Kothawade, Guru Gobind Singh College of Engineering and Research Centre, India.
- (5) Mohsin Sattar, Czech Technical University, Czech Republic.
- (6) Samuel Joel Kamun, Technical University of Mombasa, Kenya.
- (7) Syed Abdul Rehman, Quaid-i-Azam University, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146587>

Deterministic Versus Monte Carlo Quadrature: Theory, Experiments and the Role of Dimension

DOI: 10.9734/arjom/2025/v21i111014

Reviewers:

- (1) Fendzi Mbasso, University of Douala, Cameroon.
- (2) Elvir Čajić, University of Tuzla, Bosnia and Herzegovina.
- (3) Fahmeeda Faique Shaikh, M. N. College, Hemchandracharya North Gujarat University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147727>

Artificial Intelligence Enhanced Modelling of Thermo-Magnetic Nanofluid Convection in a Wavy-Top Trapezoidal Cavity

DOI: 10.9734/arjom/2025/v21i111015

Reviewers:

- (1) AREDOKOU Olorounto Louis, UNSTIM, Benin.
- (2) Saarangsh Choudhary, RTU, India.
- (3) Muthucumaraswamy R, Sri Venkateswara College of Engineering, INDIA.
- (4) Mihaela Constantin, National University of Science and Technology „POLITEHNICA” of Bucharest, Romania.
- (5) R. Ellahi, Islamic International University, Pakistan.

Additional Reviewers:

- (1) Muthucumaraswamy R, Sri Venkateswara College of Engineering, India.
- (2) Abdullahi Ahmed, Kebbi State Polytechnic, Nigeria.
- (3) Aissa Abderrahmane, University of Mascara, Algeria.
- (4) Akbar Mohammadidoust, Islamic Azad University, Kermanshah Branch, Iran.
- (5) P. Piramanayagam, K.L.N. College of Engineering, India.
- (6) Saeed Sayehvand, Bu-Ali Sina University, Iran.
- (7) Valentino Straser, Belgium.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147712>

Value Distribution of Differential Polynomials Generated by Monomials of Two Distinct Meromorphic Functions

DOI: 10.9734/arjom/2025/v21i111016

Reviewers:

- (1) Preetham N Raj, Dr. H N National College of Engineering (Vishweshwaraiah Technological University), India.
- (2) Sandeep Sharma, A&M Institute of Management and Technology, India.
- (3) Tahereh Jabbari Khanbehbin, Iran.

Additional Reviewers:

- (1) Ameer A.J. Al-Siwidi, College of Education for Pure Science, University of Babylon, Iraq.
- (2) Rana Mondal, Aditya Institute of Technology and Management, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145253>

2025 - Volume 21 [Issue 12]

Structural Characterization of T-Normal Graphs

DOI: 10.9734/arjom/2025/v21i1121017

Reviewers:

- (1) Takaaki Fujita, Japan.
- (2) S. Nagarajan, Kongu arts and Science College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147663>

A Note on Stability (Hyers-Ulam) of Functional Equations in 2-Banach Spaces

DOI: 10.9734/arjom/2025/v21i1121018

Reviewers:

- (1) PATRICIU Alina-Mihaela, Dunărea de Jos University of Galați, Romania.
- (2) Kelvin Muzundu, University of Zambia, Zambia.
- (3) Shorouk M. Al-Issa, Lebanese International University (LIU), Lebanon.
- (4) Honne Gowda C K, University of Mysore, India.
- (5) Naveen Kumar, Chandigarh University, India.

Additional Reviewers:

- (1) Gunasekar T, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India.
- (2) Honne Gowda C K, University of Mysore, India.
- (3) M. Joseph Paramasivam, Bishop Heber College, India.
- (4) Nathier. A. Ibrahim, Al – Turath University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146958>

Hyperbolic Extensions of Generalized Pandita Numbers
DOI: 10.9734/arjom/2025/v21i121019

Reviewers:

- (1) Daisi Israel Komolafe, Greensprings School Lagos, Nigeria.
- (2) Carlos Henrique Tognon, Federal University of Triângulo Mineiro, Brazil.
- (3) Priyanka Pandey, Dayananda Sagar University, India.
- (4) Kabir Opeyemi Oloredo, Kwara State University, Nigeria.

Additional Reviewers:

- (1) Adamolekun Lateef Bankole, Federal University of Technology, Nigeria.
- (2) Adetola Jamal, National University of Science, Technology, Engineering and Mathematics (UNSTIM), Benin.
- (3) Alok Kumar Agrawal, Amity University Uttar Pradesh, Lucknow Campus, India.
- (4) Masomeh Aghamohamadi, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146320>

Queueing Inventory Model for Optimized Material Allocation in Multistation Shipbuilding Assembly Operations
DOI: 10.9734/arjom/2025/v21i121020

Reviewers:

- (1) M John Basha, Jain University, India.
- (2) Rakhi Trivedi, IILM University, Greater Noida, India.

Additional Reviewers:

- (1) Pyke Tin, University of Miyazaki, Japan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148480>

Additive Optional Scrambled Randomized Response Model for Estimating Population Mean and Sensitivity Level of Sensitive Variable
DOI: 10.9734/arjom/2025/v21i121021

Reviewers:

- (1) Ahmed Haroon Khaleel, University of Sumer, Iraq.
- (2) Fazal Hassan, Iqra National University, Campus Swat, Pakistan.
- (3) N.K. Sajeevkumar, University College Trivandrum, India.
- (4) Djebar Ahlem, Badji Mokhtar Annaba University, Algeria.

Additional Reviewers:

- (1) Amita Yadav, India.
- (2) Menakshi Pachori, DR. Bhimrao Ambedkar University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147666>

Graph-theoretic Modeling of Multi-echelon Queueing-inventory Systems with Node and Edge Dependencies
DOI: 10.9734/arjom/2025/v21i121022

Reviewers:

- (1) Mohammad Hossein Seifi, Shahrood University of Technology, Iran.
- (2) K. Lalithambigai, Sri Kaliswari College, India.

Additional Reviewers:

- (1) Carlos Henrique Tognon, Federal University of Triângulo Mineiro, Brazil.
- (2) Laithun Boro, Salbari College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/149045>

Sombor Indices of Some Graphs
DOI: 10.9734/arjom/2025/v21i121023

Reviewers:

- (1) Takaaki Fujita, Japan.
- (2) Nithya P, SRM Institute of Science and Technology, India.
- (3) J. Bala Samuvel, SRM Institute of Science and Technology, India.

Additional Reviewers:

- (1) Ali Raza, University of the Punjab, Pakistan.
- (2) Muhammad Waheed, Govt Higher Secondary School Nangal Sahdan, Pakistan.
- (3) Nazlıcan Çağla Demirpolat, Ege University, Turkey.
- (4) Syeda Asma Kauser, Global Institute of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147659>

Modelling Withdrawal Risk in Insurance Using a Convolutions Approach
DOI: 10.9734/arjom/2025/v21i121024

Reviewers:

- (1) Naga Ramesh Palakurti, USA.
- (2) P.S Yadav, India.
- (3) Ram Prasad Reddy Sadi, Anil Neerukonda Institute of Technology and Sciences, India.

Additional Reviewers:

- (1) Prabakaran Raghavendran, Vel Tech University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133737>

Optimally Controlled Economic Growth Models with Generalised Production Function: Performance and the Role of Population Growth Dynamics
DOI: 10.9734/arjom/2025/v21i121025

Reviewers:

- (1) Rakibul Hasan Chowdhury, International Institute of Business Analysis, USA.
- (2) P. Pushpa, St. Peter's Institute of higher Education and Research, India.
- (3) Jamil Abbas Haider, Howard University, United States of America.
- (4) Hind Ibrahim Mohammed, University of Diyala, Iraq.

Additional Reviewers:

- (1) Jamil Abbas Haider, Howard University, United States of America.
- (2) Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania.
- (3) Musibau A. OMOLoyE, Nigerian Defence Academy Kaduna, Nigeria.
- (4) Twinkle R Singh S. V., National Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/149330>

Beyond Abstraction: Challenges and Proposals for the Development of Mathematical Modeling in Congolese Secondary Education
DOI: 10.9734/arjom/2025/v21i121026

Reviewers:

- (1) Diana Izvorska, Technical University of Gabrovo, Bulgaria.
- (2) Ganiyu Adisa IROKO, Osun State University, Nigeria.
- (3) Ibrahim Arhyel, Abubakar Tafawa Balewa University Bauchi, Nigeria.

Additional Reviewers:

- (1) Amir Tfiha, Tishreen University, Syria.
- (2) Yevtushenko Nataliia, National Technical University "Kharkiv Polytechnic Institute", Ukraine.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145666>

Numerical Simulations and Cost-Effectiveness Analysis of Optimal Control Strategies for Pneumonia-HIV Co-Infection
DOI: 10.9734/arjom/2025/v21i121027

Reviewers:

- (1) Umar Saidu Bashir, Federal Polytechnic Bali, Nigeria.
- (2) Joyce Kagendo Nthiiri, Masinde Muliro University of Science & Technology, Kenya.
- (3) Krishna Gopal Singha, Pragya Academy Junior College, Jorhat, India.
- (4) Agnes Wacuka Njeri, Catholic University of Eastern Africa, Kenya.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148694>

On the Stability of Equi Neighbor Polynomial of Graphs
DOI: 10.9734/arjom/2025/v21i121028

Reviewers:

- (1) Rasul Rasuli, Payame Noor University, Iran.
- (2) K. Kalaiarasi, Bharathidasan University, India.
- (3) Ebenezer Tawiah Arhin, Tamale Technical University, Ghana.

Additional Reviewers:

- (1) Mehul Chaurasia, Darshan University, India.
- (2) Sharan Hegde, Shri Madhwa Vadiraja Institute of Technology and Management, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/149103>
