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

Journal of Advances in Mathematics and Computer Science
ISSN: 2456-9968

2025 - Volume 40 [Issue 1]

A Comparative Study of Service Mesh Implementations in Kubernetes for Multi-cluster Management
DOI: 10.9734/jamcs/2025/v40i11958

Reviewers:
(1) Zahraa A. Jaaz, Al-Nahrain University, Iraq.
(2) Neha Chowdhary, IIT Kharagpur, India.

Complete Peer Review History: https://sdiarticle5.com/review-history/128911

A Duality Principle and Concerning Convex Dual Formulation for a Model in Micro-Magnetism
DOI: 10.9734/jamcs/2025/v40i11959

Reviewers:
(1) Muhammad Muddassar, UET Taxila, Pakistan.
(2) Abdul Mateen, Nanjing Normal University, China.

Complete Peer Review History: https://sdiarticle5.com/review-history/128494

Classification of Phishing Attacks Using Machine Learning Algorithms: A Systematic Literature Review
DOI: 10.9734/jamcs/2025/v40i11960

Reviewers:
(1) David Njuguna, Murang'a University of Technology, Kenya.
(2) Mohit Tiwari, Bharati Vidyapeeth's College of Engineering, India.
(3) Sravanthi Dontu, University of the Cumberlands, United States of America.

Complete Peer Review History: https://sdiarticle5.com/review-history/128845

Analytical Hierarchy Process for Ranking E-Commerce Portals - A Case Study of Fashion Industry in India
DOI: 10.9734/jamcs/2025/v40i11961

Reviewers:
(1) Eduardo Henrique de Borba, Santa Catarina State University, Brazil.
(2) Tanmay Kandekar. National Institute of Fashion Technology, India.
(3) Vo Phuc Thinh, University of Northern Philippines, Viet Nam.
(4) Pushpendra Kumar Verma, IIMT University, India.

Complete Peer Review History: https://sdiarticle5.com/review-history/128856

Emerging Trends and Insights: A Comprehensive Bibliometric Analysis of Artificial Intelligence Applications in Healthcare and Psychology
DOI: 10.9734/jamcs/2025/v40i11962

Reviewers:
(1) Soumya Ranjan Sethi, National Institute of Technology, Rourkela, India.
(2) Nouric Hicham, Hassan II University of Casablanca, Morocco.
(3) Samrat Kumar Mukherjee, Sikkim Maanipal Institute of Technology, India.

Complete Peer Review History: https://sdiarticle5.com/review-history/129387

Solution of Inhomogeneous and Homogeneous Heun's Differential Equations in Nonstandard Analysis
DOI: 10.9734/jamcs/2025/v40i11963

Reviewers:
(1) Chathuri Weeragunarathna Sahabandu, The Open University of Sri Lanka, Sri Lanka.
(2) Abbas Al-Shimmary, College of Engineering, Mustansiriyah University, Iraq.

Complete Peer Review History: https://sdiarticle5.com/review-history/129729

Symmetry Analysis, One-dimensional Optimal System, and Group Invariant Solutions for the Shallow Water Waves of Finite Amplitude in (1+1)-dimensions
DOI: 10.9734/jamcs/2025/v40i11964

Reviewers:
(1) Mustafa Bazghandi, Azarbaijan Shahid Madani University, Iran.
(2) Lakhveer Kaur, Jaypee Institute of Information Technology, India.
(3) Zainab ayati, University of Guilan, Iran.

Complete Peer Review History: https://sdiarticle5.com/review-history/129922

A Comprehensive Analysis of Stability and Data Dependency for a Novel Jungck-type Iterative Algorithm
DOI: 10.9734/jamcs/2025/v40i11965

Reviewers:
(1) Kiranbhai Dodiya, Gujarat University, India.
(2) A. B. Sviridenko, Kuban State University, Russia.

Complete Peer Review History: https://sdiarticle5.com/review-history/129673

On Certain Results On The Diophantine Equation: $\sum_{r=1}^{n} w_r^2 + \frac{n}{3} d^2 = 3(\frac{nd^2}{3} + \sum_{r=1}^{\frac{n}{3}} w_{3r-1}^2)$
DOI: 10.9734/jamcs/2025/v40i21966

Reviewers:
(1) Joachim Moussounda Mouanda, Blessington Christian University, Republic of Congo.
(2) Manju Somanath, National College, India.
(3) Ozen Ozer, Kirklareli University, Turkey.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/128007

Performance Evaluation of Integrated Deep Learning and Ensemble Methods for Epileptic Seizure Detection
DOI: 10.9734/jamcs/2025/v40i21967

Reviewers:
(1) Nisha Wandile Kimmatkar, SPPU University, India.
(2) C V Keerthi Latha, Stanley College of Engineering and Technology for Women, India.
(3) Sushma Malik, Maharaja Surajmal Institute, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/130061

Performance Analysis of Linear Congruential Random Generator Algorithms Using Python and Java Languages
DOI: 10.9734/jamcs/2025/v40i21968

Reviewers:
(1) Sakila Akter Jahan, Illinois State University, USA.
(2) Mesbaul Haque Sazu, Case Western Reserve University, USA.
(3) Haritha Rajeev, Bharata Mata College, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/130822

Building Automated Security Pipeline for Containerized Microservices
DOI: 10.9734/jamcs/2025/v40i21969

Reviewers:
(1) Sureshkumar Somanathan, Strayer University, USA.
(2) Pranav Sharad Kayande, Dr. D.Y. Patil B School, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/130670

OptiFlexSort: A Hybrid Sorting Algorithm for Efficient Large-Scale Data Processing
DOI: 10.9734/jamcs/2025/v40i21970

Reviewers:
(1) Manyol Moise, University of Douala, Cameroon.
(2) Onyemauche Uchenna Chinyere, Federal University of Technology, Nigeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/130881

Locally Attractivity Solutions for Nonlinear Functional Quadratic Integral Equations of Fractional Order
DOI: 10.9734/jamcs/2025/v40i21971

Reviewers:
(1) Aoulad Omar Fouad, Abdelmalek Esaadi University, Morocco.
(2) Prabakaran Raghavendran, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131124

A Novel Algorithm for Solving Fredholm Integro-Differential Equations Using Lucas Polynomials
DOI: 10.9734/jamcs/2025/v40i21972

Reviewers:
(1) Prabakaran Raghavendran, Vel Tech University, India.
(2) Ravikiran Mundewadi, MES College of Arts, Commerce and Science, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/130180

Comparative Analysis of Exercise Difficulty in Triangle Sections of Chinese and Vietnamese Junior High School Mathematics Textbooks
DOI: 10.9734/jamcs/2025/v40i21973

Reviewers:
(1) Sutarto, Universitas Pendidikan Mandalika, Indonesia.
(2) Mustafa Hasan Hadi, University of Babylon, Iraq.
(3) Sojia John, Mount Tabor Training College, India.
(4) Nurdiyanti, Universitas Muhammadiyah Makassar, Indonesia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/130647

Some Fixed Point Results for Integral Type Mappings in b-Metric Space
DOI: 10.9734/jamcs/2025/v40i31974

Reviewers:
(1) Sateesh Kumar Deevi, India.
(2) Adil Baiz, University Hassan II Casablanca, Morocco.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131170

Numerical Analysis of Conjugate Mixed Convection Heat Transfer with Internal Heat Generation in a Wavy-Walled Lid-Driven Trapezoidal Cavity
DOI: 10.9734/jamcs/2025/v40i31975

Reviewers:
(1) Mizanur Rahman, Daffodil International University, Bangladesh.
(2) Thirumalaisamy Kandasamy, Vellore Institute of Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131674

New Approach Based on the Ensemble Learning Estimator to Maximize Accuracy
DOI: 10.9734/jamcs/2025/v40i31976

Reviewers:
(1) Ahmed Hasan Al-Ghanimi, Babylon University, Iraq.
(2) Shahebaz Ahmed Khan, Avanthi Institute of Engineering and Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131280

Numerical Investigation of Variable Viscosity and Thermal Conductivity on Natural Convection Flow along a Vertical Flat Plate with Heat Conduction
DOI: 10.9734/jamcs/2025/v40i31977

Reviewers:
(1) Rezza Ruzuqi, Indonesia.
(2) Christian Walsh Benjamin, CVM University, India.
(3) Anant Sidhappa Kurhade, Dr. D. Y. Patil Institute of Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131740

Optimization and Prioritization of Test Cases through the Hungarian Algorithm
DOI: 10.9734/jamcs/2025/v40i31978

Reviewers:
(1) Kodanda Rami Reddy Manukonda, USA.
(2) Kirti Gupta, DIT University, India.
(3) Bakr Salim Ba-Quttayyan, Universiti Utara Malaysia Yemen.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131204

Automatic Orientation of Student Candidates Based on Memory-based Collaborative Filtering
DOI: 10.9734/jamcs/2025/v40i31979

Reviewers:
(1) Raja Sarath Kumar Boddu, Malla Reddy University, India.
(2) H S Prasantha, Atria University Bangalore, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131846

Numerical Solution of Fractional Order Epidemic Mathematical Model on Dengue Using FDTM and FADM
DOI: 10.9734/jamcs/2025/v40i31980

Reviewers:
(1) Taylan Demir, Ankara University, Turkey.
(2) Krishna Ghode, B.K. Birla College of Arts, Science & Commerce, India.
(3) Abbas Al-Shimmary, College of Engineering, Mustansiriyah University, Iraq.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132067

Modelling and Optimizing Hybrids of Wind and Solar Renewable Energy Systems in the Case of Oda Robe New Residential Area by Iteration Method
DOI: 10.9734/jamcs/2025/v40i31981

Reviewers:
(1) Kotha Kalyan Kumar, Teegala Krishna Reddy Engineering, India.
(2) S. Anbuchandran, Chennai Institute of Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/131951

Comparative Analysis of Random Forest and Hybrid ARIMA-random Forest Models for Student Enrollment Forecasting in Higher Education
DOI: 10.9734/jamcs/2025/v40i31982

Reviewers:
(1) Zainab A. Abdulazeez, University of Karbala, Iraq.
(2) Faez Nasser Ali Mugahed, College of Applied and Human Sciences-Amran University, Yemen.
(3) Temitope Olu Ogunlade, Ekiti State University, Nigeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132210

A Matrix-Based Approach to Combinatorial Identities Involving Binomial Coefficients and Stirling Numbers
DOI: 10.9734/jamcs/2025/v40i31983

Reviewers:
(1) Mohsen Mohammadi, Islamic Azad University, Iran.
(2) Debajit Sensarma, India.
(3) Awatif Rouijel, Morocco.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132586

2025 - Volume 40 [Issue 4]

A Smarter Way to Compress and Decompress Data for Cloud Storage
DOI: 10.9734/jamcs/2025/v40i41984

Reviewers:
(1) Vamshi Munagandla, Northeastern University, USA.
(2) M. Indrasena Reddy, BVRITH College of Engineering for Women, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132561

A Wavelet-Based Approximation Scheme Involving Legendre Polynomial for Fredholm Integral Equations with Logarithmic Singular Kernel
DOI: 10.9734/jamcs/2025/v40i41985

Reviewers:
(1) Krishna Murari Malav, ABV-Indian Institute of Information Technology and Management Gwalior, India.
(2) Rohul Amin, University of Peshawar, Pakistan.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132571

Numerical Resolution and Simulation of the Allen-Cahn Equation in the Two-Dimensional Case
DOI: 10.9734/jamcs/2025/v40i41986

Reviewers:
(1) Probhas Bose, Budge Budge Institute of Technology, India.
(2) Mulualem Aychluh Gizaw, Samara University, Ethiopia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132620

Performance Assessment of Queuing Networks with Intermittently Accessible Servers, Failed Servers, Corrective Maintenance, Feedback, and Customer Abandonment
DOI: 10.9734/jamcs/2025/v40i41987

Reviewers:
(1) Suresh Babu Chandolu, Dhanekula Institute of Engineering & Technology, India.
(2) Bebittovimalan A, St. Joseph's College, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132269

Pursuit Problem of a Linear Differential Game for Many Numbers of Players with Geometric and Gronwall Type Constraints on Players Controls
DOI: 10.9734/jamcs/2025/v40i41988

Reviewers:
(1) Changjin Xu, University of Finance and Economics, China.
(2) Sevilay Demir Saglam, Istanbul University, Turkey.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132786

Efficient Conformable Laplace-Adomian Decomposition Method for Solving Nonlinear Fractional Partial Differential Equation Systems
DOI: 10.9734/jamcs/2025/v40i41989

Reviewers:
(1) Kedir Aliyi Koroche, Ambo University, Ethiopia.
(2) Aslı Alkan, Fırat University, Turkey.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/133058

Conditions for Convex Optimization in L^p-Spaces
DOI: 10.9734/jamcs/2025/v40i41991

Reviewers:
(1) Dasari Ratna Babu, PSCMR College of Engineering & Technology, India.
(2) Chathuri Weeragunarathna Sahabandu, The Open University of Sri Lanka, Sri Lanka.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/132707

Existence Results for Periodic Boundary Value Problems in Second-Order Hamiltonian Systems
DOI: 10.9734/jamcs/2025/v40i41992

Reviewers:
(1) Ahmed A. Hamoud, Taiz University, Yemen.
(2) Riadh Chteoui, University of Tabuk (Saudi Arabia), Tunisia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/129945

A Dataset and A Dynamic Distributed Parallel Network for Identifying Divisors of Odd Composite Integers
DOI: 10.9734/jamcs/2025/v40i41993

Reviewers:
(1) Chaitanya Vijaykumar Mahamuni, Indian Institute of Technology Bombay, India and Monash University Australia, Australia.
(2) Tamimu Mohammed Gadafi, University of Electronic Science and Technology of China, China.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/133969

New Proofs of the Equivalent Statement of the Dirichlet Eta Function and of the Riemann Hypothesis
DOI: 10.9734/jamcs/2025/v40i41994

Reviewers:
(1) Abdelmajid Ben Hadj Salem, Tunisia.
(2) Ly Van An, Ninh University, Vietnam.
(3) Jayarama H. R, Sapthagiri NPS University, India.
(4) Sergio Da Silva, Federal University of Santa, Brazil.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/133958

2025 - Volume 40 [Issue 5]

Enhancing Epileptic Seizure Detection Accuracy Using YOLOv11 Classification
DOI: 10.9734/jamcs/2025/v40i51995

Reviewers:
(1) T. Aditya Sai Srinivas, Jayaprakash Narayan College of Engineering, India.
(2) Puja Chavan, Vishwakarma Institute of Technology, India.
(3) Tijeni Delleji, Military Research Center, Tunisia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/133141

Application of a New Approach to the Adomian Method to the Solution of Fractional-order Integro-differential Equations
DOI: 10.9734/jamcs/2025/v40i51996

Reviewers:
(1) Sami Segni, Algeria.
(2) George Albert Toma, Higher Institute for Applied Sciences and Technology, Syrian Arab Republic.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/133688

Quantification of Hepatitis Severity Degrees by Fuzzy Classifiers FCM and ANFIS
DOI: 10.9734/jamcs/2025/v40i51997

Reviewers:
(1) D. Najumnissa, B.S. Abdur Rahman Crescent Institute of Science and Technology, India.
(2) J. Sukanya, M.V. Muthiah Government Arts College for Women, India.
(3) Ramazan Yasar, Ankara University, Turkey.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/125986

Hybrid Poisson-Gaussian Stochastic Modeling for Simulating Ethereum Price Dynamics
DOI: 10.9734/jamcs/2025/v40i51998

Reviewers:
(1) Ridwan Setiawan, Institute Teknologi Garut, Indonesia.
(2) Khalil Ullah, Ghazi University, Pakistan.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/134973

A Mathematical Model for Analyzing the Behavior of COVID-19 in Dominican Republic
DOI: 10.9734/jamcs/2025/v40i51999

Reviewers:
(1) Salahu Wasiu Omotayo, Ladoke Akintola University of Technology, Nigeria.
(2) Abubakar Abdullahi Madaki, Nigeria.
(3) Leonid Galchynsky, Igor Sikorsky National Technical University of Ukraine “KPI”, Ukraine.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/134774

Big Data in Recruitment: Ethical Challenges and Privacy Concerns
DOI: 10.9734/jamcs/2025/v40i52000

Reviewers:
(1) Ronakkumar Bathani, USA.
(2) Nankong Achana Francis, Jain University, India.
(3) Angkita Borpatra Gohain, Golaghat Commerce College, India.
(4) Ajatashatru Samal, Visvesvaraya Technological University or Sri Venkateshwara College of Engineering, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/134776

A Novel Dataset and Algorithm for Identifying Divisors of an Odd Composite Integer Using Distributed Parallel Network
DOI: 10.9734/jamcs/2025/v40i52001

Reviewers:
(1) Mustafa Hussein, Benha University, Egypt.
(2) Mamata Garanayak, KISS Deemed to be University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/134767

Exploring the Role of Blockchain Technology in Enhancing Transparency: A Systematic Review
DOI: 10.9734/jamcs/2025/v40i52002

Reviewers:
(1) Ibrahim Al-Shourbaji, Jazan University, Saudi Arabia.
(2) Yasir, Lovely Professional University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/133530

Diagnosing Diseases in the Leaves of Food Crop Plants Using Residual Network – Powered by Microsoft Azure Custom Vision Service
DOI: 10.9734/jamcs/2025/v40i52003

Reviewers:
(1) Marada Srinivasa Rao, MVGR College of Engineering, India.
(2) Archana Balyan, Maharaja Surajmal Institute of Technology, India.
(3) Sowmiya B, S.I.V.E.T. College, Chennai, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/135445

Mamadu Variational Iteration Method for the Solution of Time-Fractional Telegraph Equation
DOI: 10.9734/jamcs/2025/v40i52004

Reviewers:
(1) Asiya Ansari, Babu Banarasi Das University, India.
(2) Halil ANAÇ, Gumushane University, Türkiye.
(3) Vinod Varghese, M.G. College, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136186

2025 - Volume 40 [Issue 6]

Weighted Similarity Measure of Intuitionistic Fuzzy Sets Based on Transformed Right-angled Triangles
DOI: 10.9734/jamcs/2025/v40i62006

Reviewers:
(1) Jaydip Bhattacharya, Bir Bikram Memorial College, India.
(2) Mohammed Mohammed Khalaf Hussien, Mustaqbal University, Saudi Arabia.
(3) Mohammed Mohammed Khalaf Hussien, Mustaqbal University, Saudi Arabia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/135617

EdPuzzle: Technology-based Assessment in Mathematics Education
DOI: 10.9734/jamcs/2025/v40i62007

Reviewers:
(1) Subramaniam Seshan Iyer, Datta Meghe Institute of Management Education, India.
(2) Lok Wai Foong, Teacher Education Institute, Malaysia.
(3) inyue Wang, Australian Institute of Interpreters and Translators, China.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136557

Nonparametric Estimation of the Laplace Transform from Empirical Data Using Symmetric Kernels Method
DOI: 10.9734/jamcs/2025/v40i62008

Reviewers:
(1) Najrullah Khan, Aligarh Muslim University, India.
(2) Naveen Kumar K, GITAM, Deemed to be University, India.
(3) Rahul Thakur, Maharshi Dayanand University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136473

The Numerical Solution for a Maxwell Integral Equation: MRI Brain Scan
DOI: 10.9734/jamcs/2025/v40i62009

Reviewers:
(1) Tamimu Mohammed Gadafi, University of Electronic Science and Technology of China, Ghana.
(2) Tarik Touiss, Mohamed First University, Morocco.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136975

Analysis of Flow and Thermal Characteristics in a Closed Domain Containing Heat Source Sink Saturated with Zn water Nanofluids
DOI: 10.9734/jamcs/2025/v40i62010

Reviewers:
(1) Rached Miri, Universite le Havre Normandie, Tunisie.
(2) Ting Tiew Wei, University of Technology Sarawak, Malaysia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/137531

Numerical Resolution of the Hepatitis C Model Using the SOME Blaise ABBO Numerical Method
DOI: 10.9734/jamcs/2025/v40i62011

Reviewers:
(1) Ly Van An, Tay Ninh University, Vietnam.
(2) Youssri Hassan Youssri, Cairo University, Egypt.
(3) Dalia Sami Ali, University of Baghdad, Iraq.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136542

Continuous Mapping on Topology Space and Grid Convergence
DOI: 10.9734/jamcs/2025/v40i62012

Reviewers:
(1) Neeraj Kumar Rathore, India.
(2) Premkumar R, Sri Sairam Engineering College, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/137364

Polynomial Solutions of Heun's Differential Equations in Nonstandard Analysis
DOI: 10.9734/jamcs/2025/v40i62013

Reviewers:
(1) Francisco Martinez Gonzalez, Polytechnic University of Cartagena, Spain.
(2) Rachid MESSAOUDI, University Mohammed 1st of Oujda, Morocco.
(3) George Albert Toma, Higher Institute for Applied Sciences and Technology, Syrian Arab Republic.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136849

Mathematical Modelling and Analysis of the Dynamics of a Solar Powered Motor Gear Generator to Enhance the Usability of Solar Energy
DOI: 10.9734/jamcs/2025/v40i62014

Reviewers:
(1) Deekshitha S Nayak, Mangalore Institute of Technology & Engineering, India.
(2) Taiwo Alare, Federal University Technology Akure, Nigeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136886

Design and Implementation of the Gram-Schmidt Orthogonalization Process in the Sobolev Space H^1 (Ω)
DOI: 10.9734/jamcs/2025/v40i62016

Reviewers:
(1) Srinivas K, JNTU Hyderabad, India.
(2) N. Gunasekaran, Saveetha Institute of Medical and Technical Sciences, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/134356

2025 - Volume 40 [Issue 7]

Modelling the Effects of Vaccination and Incubation on Covid-19 Transmission Dynamics
DOI: 10.9734/jamcs/2025/v40i72017

Reviewers:
(1) P. Sri Ram Chandra, Shri Vishnu Engineering College for Women, India.
(2) Suharmanto, Universitas Lampung, Indonesia.
(3) FANDIO Rubin, University of Yaounde 1, Cameroon.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/137911

Numerical Analysis of Unsteady Boundary Layer Flow Over an Impulsively Started Sheet Using the Crank Nicolson Method
DOI: 10.9734/jamcs/2025/v40i72018

Reviewers:
(1) P. Sambath, S R M Institute of Science and Technology, India.
(2) P. Sreenivasulu, Sri Venkateswara College of Engineering, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/126197

A Fuzzy Soft Computing Framework for Rapid Detection of Viral Hepatitis Using FCM, SVM, ANFIS, and NEFCON
DOI: 10.9734/jamcs/2025/v40i72019

Reviewers:
(1) Henry Chukwuma, University of Minnesota, USA.
(2) Shalini Gambhir, Vivekananda Institute of Information Technology-Technical Campus, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/137292

Coastal Resort Development: Optimization of Resources for Environmental Sustainability
DOI: 10.9734/jamcs/2025/v40i72020

Reviewers:
(1) Riadh Almoktar Chteoui, University of Tabuk, Saudi Arabia.
(2) Robert Mureithi Maina, Dedan Kimathi University of Technology, Kenya.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/138320

Ranks and Subdegrees of the Action of the Product of Three Alternating Groups on the Cartesian Product of Three Sets of Ordered γ-Tuples
DOI: 10.9734/jamcs/2025/v40i72021

Reviewers:
(1) Prakashkumar H. Patel, Shri Govind Guru University, India.
(2) Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/137494

Leveraging AI in Application Integration and API Development
DOI: 10.9734/jamcs/2025/v40i72022

Reviewers:
(1) Virendra Kumar Tiwari, Lakshmi Narain College of Technology, India.
(2) Kanaka Rakesh Varma Kothapalli, United States of America.
(3) Rahimoddin Mohammed, United States.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/139408

Mathematical Modeling: Gateway to Technological Advancements for Sustainable Development
DOI: 10.9734/jamcs/2025/v40i72023

Reviewers:
(1) Md Mortuza Ahmmed, American International University, Bangladesh.
(2) R. Ramesh, SRM Institute of Science and Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/137995

Experimentation of a New Approach Based on Ensemble Learning Estimator to Maximize Accuracy
DOI: 10.9734/jamcs/2025/v40i72024

Reviewers:
(1) Venkat P. Patil, Smt. Indira Gandhi college of Engineering, India.
(2) Samuel King Opoku, Kumasi Technical University, Ghana.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/138423

Deep Residual MLP Networks: Enhancing Precision and Reliability in Energy Forecasting
DOI: 10.9734/jamcs/2025/v40i72025

Reviewers:
(1) S. Pushpa, Panimalar engineering college, India.
(2) M.S. Minu, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/139244

Proposal of a Convolutional Neural Network Based Prediction Model for Prostate Cancer from MRI
DOI: 10.9734/jamcs/2025/v40i72026

Reviewers:
(1) Muktevi Srivenkatesh, Gitam Deemed to be University, India.
(2) Abdul Rahman H Ali, Taibah University, Saudi Arabia.
(3) Tanishka Hira, Indira Gandhi Delhi Technical University for Women, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/139406

Investigation of One-Point Compactification in Semi-Normal Spaces
DOI: 10.9734/jamcs/2025/v40i72027

Reviewers:
(1) Manjari Srivastava, CSJM University, India.
(2) Eman Almuhur, Applied Science Private University, Jordan.
(3) Burcu Sunbul Ayhan Yavan, Turkish-German University, Turkey.
(4) Dalia Raad Abd, Mustansiriyah University, Iraq.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/139414

Development of Hybrid Deep Learning and Reinforcement Learning for Intelligent Trading in Forex Markets
DOI: 10.9734/jamcs/2025/v40i72028

Reviewers:
(1) Hakeem Adekunle, Federal University of Technology, Nigeria.
(2) M. Rameshkumar, P. A. College of Engineering and Technology, India.
(3) İtalo Flexa Di Paolo, Brazil.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/139895

2025 - Volume 40 [Issue 8]

A Hidden Markov Model Approach to Daily Stock Return Dynamics of PT Kimia Farma Tbk
DOI: 10.9734/jamcs/2025/v40i82029

Reviewers:
(1) David, Edo State University Iyamho, Nigeria.
(2) Sadibo Olanrewaju Victor, Nigeria.
(3) Olasehinde Omolayo, United States.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/140029

Stochastic Optimal Bequest and Consumption Strategy for Retirees: A Monte Carlo Based Dynamic Programming Approach
DOI: 10.9734/jamcs/2025/v40i82030

Reviewers:
(1) Benny Daniawan, Indonesia.
(2) Olena Osharovska, Ukraine.
(3) K. Bharathi, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/140217

Numerical Analysis of Conjugate MHD Free Convection of Cu–H_2O Nanofluid in a Top Corrugated Trapezoidal Cavity with Multiple Heat Generating Obstacles of Different Shapes
DOI: 10.9734/jamcs/2025/v40i82031

Reviewers:
(1) Krishnamurthy M.R, India.
(2) Muhammad Yousuf Rafiq, Pakistan.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/140805

Reliability and Profit Analysis of a Two-unit Redundant System with Periodic Rest Mechanism
DOI: 10.9734/jamcs/2025/v40i82032

Reviewers:
(1) Ezekiel Nnamere Aneke, Enugu State University of Science and Technology, Nigeria.
(2) Roberto P.L. Caporali, Italy.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/136619

Secure Management of Patient Medical Records Using Blockchain Technology
DOI: 10.9734/jamcs/2025/v40i82033

Reviewers:
(1) Rahul Shaw, Alliance University, India.
(2) Chanate Ratanaubol, Rajamangala University of Technology, Thailand.
(3) Doan Van Dinh, Industrial University of Ho Chi Minh City, Vietnam.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/141235

Comparative Analysis of State-of-the-Art Multi-Label Feature Selection Approaches for High-Dimensional Data
DOI: 10.9734/jamcs/2025/v40i82034

Reviewers:
(1) Emanuele Cuono Amoruso, Italia.
(2) Olena Sobko, Ukra.
(3) M. Rajasekar, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/141125

A Novel Model for Transmission Dynamics of Bacterial Meningitis Incorporating Vaccination and Treatment Using Counterfeit and Non-Counterfeit Drugs
DOI: 10.9734/jamcs/2025/v40i82035

Reviewers:
(1) Henry Milimo Wanjala, Chuka University, Kenya.
(2) Rakesh Kumar, Rabindranath Tagore University, India.
(3) Abagna Stephen, Bongo Senior High School, Ghana.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/141109

A Huffman-FHE Based Framework for Secure and Efficient Cloud Data Compression
DOI: 10.9734/jamcs/2025/v40i82036

Reviewers:
(1) V. Gokula Krishnan, India.
(2) Dhanveer Singh, USA.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142018

Impact of an Inclined Magnetic Field on Thermo-concentration Boundary Layers in Unsteady Micropolar Magnetohydrodynamic Flow over a Nonlinear Stretching Sheet
DOI: 10.9734/jamcs/2025/v40i82037

Reviewers:
(1) Bhuvaneshvar Kumar, Thapar Institute of Engineering and Technology Patiala, India.
(2) Tadesse Walelign (PhD), Debre Tabor University, Ethiopia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142217

Effect of Aneurysmal Shape on Atheromatous Hemodynamics during a Pulsatile Blood Flow
DOI: 10.9734/jamcs/2025/v40i82038

Reviewers:
(1) Maysaa Jalil Mohammed, University of Baghdad, Iraq.
(2) Francis Odhiambo, Jaramogi Oginga Odinga University of Science and Technology, Kenya.
(3) Riaz Ahmad, Nanjing University of Information Science and Technology, China.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/141959

On Certain Relation of Sums of Squares and Quartic $\sum_{r=1}^{2k} a_r^4 + kd^4 = 2\sum_{r=1}^{2k-1} \left(a_r a_{r+1} + d^2\right)^2$
DOI: 10.9734/jamcs/2025/v40i92039

Reviewers:
(1) Paul Ryan A. Longhas, Jose Rizal University, Philippines.
(2) T Srinivas, Audisankara Deemed To Be University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142280

A Novel Wavelet-based Approximation Scheme for the Approximate Solution/Source of Fredholm Integral Equation of the Second Kind with Variable Coefficient and the Pseudo-Logarithmic Kernels
DOI: 10.9734/jamcs/2025/v40i92040

Reviewers:
(1) Nataliia Diachenko, Zaporizhzhia National University, Ukraine.
(2) Abbas Fadhil Abbas Al-shimmary, Mustansiriyah University, Iraq.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142311

Combinatorial Approximation Method for the Fractional Stochastic Hamilton–Jacobi–Bellman Equation
DOI: 10.9734/jamcs/2025/v40i92041

Reviewers:
(1) Manu Mitra, University of Bridgeport, USA.
(2) Alok Kumar Agrawal, Amity University Uttar Pradesh, India.
(3) Soumen Paul, Haldia Institute of Technology, India.
(4) Cutberto Romero-Melendez, Metropolitan Autonomous University, Mexico.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142278

An Efficient Spectral Method for Second-Order Elliptic Equations with Variable Coefficients on a Planar Circular Sector
DOI: 10.9734/jamcs/2025/v40i92042

Reviewers:
(1) M Krishna Satya Varma, S R K R Engineering College, India.
(2) Pankaj Dadheech, Swami Keshvanand Institute of Technology, India.
(3) Naeem Ullah, Islamia College Peshawar, Pakistan.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/143049

Modelling Fluid Flow in an Open Circular Channel with three Lateral Inflows
DOI: 10.9734/jamcs/2025/v40i92043

Reviewers:
(1) Mohit Yadav, Chandigarh University, India.
(2) Barhm Mohamad, Iraq.
(3) Ashish Garg, Indian Institute of Technology Delhi, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142846

Modeling Motor-Cycle Flow Dynamics in Disordered Heterogeneous Traffic System, A Case of Kisii Town Road Network
DOI: 10.9734/jamcs/2025/v40i92044

Reviewers:
(1) Joshua Chukwunalu Okwuwe, United States of America.
(2) Juang Akbardin, Indonesia.
(3) Nivetha Martin, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/140084

Applications of Lax-Friedrich Finite Difference Method Macroscopic and Microscopic Traffic Flow Modelling PDEs and ODEs Numerical Solutions
DOI: 10.9734/jamcs/2025/v40i92045

Reviewers:
(1) Sandeep Sharma, A&M Institute of Management and Technology, India.
(2) Udobia Elijah Etukudo, Federal College of Education, Nigeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/140083

Modeling Social Factor and Faulty Health System on The Dynamic of Childhood Diarrhea in Majengo Nyeri County, Kenya
DOI: 10.9734/jamcs/2025/v40i92046

Reviewers:
(1) Jeremiah Savali Kilonzi, Meru University of Science and Technology, Kenya.
(2) Musli Yanto, Universitas Putra Indonesia YPTK, Indonesia.
(3) Hatice Nur Canpolat, Gazi University, Turkey.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142964

The ϕ-labeling on Certain Classes of Graphs
DOI: 10.9734/jamcs/2025/v40i92047

Reviewers:
(1) Paul Ryan A. Longhas, José Rizal University, Philippines.
(2) M. Sindhu, Knowledge Institute of Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/143162

On Some Relations with Square Normal, Class Q* and n-normal Operators
DOI: 10.9734/jamcs/2025/v40i92048

Reviewers:
(1) A. Radharamani, Chikkanna Government Arts College, India.
(2) Mohamed Hamza Mohamed Yousef Eissa, Al-Azhar, Egypt.
(3) Shipra Kumari, Veermata Jijabai Technological Institute, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/143259

Comparative Evaluation of Hard and Soft Clustering for Precise Brain Tumor Segmentation in MR Imaging
DOI: 10.9734/jamcs/2025/v40i92050

Reviewers:
(1) Divya Saleela, University of Southampton, United Kingdom.
(2) Ali H. Wheeb, University of Baghdad, Iraq.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/143367

On Coefficient Inequalities of Certain Subclasses of Bi-Univalent Functions Defined Using q-Differential Operator Involving q-Poisson Distribution
DOI: 10.9734/jamcs/2025/v40i92051

Reviewers:
(1) Muhammed Salih Muhammed, University of Al-Qadisiyah, Iraq.
(2) Umar Raza, University of Jhang, Pakistan.
(3) Kirti Pa, Chhatrapati Shahu Ji Maharaj University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142912

Mathematical Modeling of Tuberculosis Dynamics in Care Institutions a Perspective of Variance in Treatment
DOI: 10.9734/jamcs/2025/v40i92052

Reviewers:
(1) Henry Milimo Wanjala, Chuka University, Kenya.
(2) Siti Sarah Mohd Isnan, National Defence University of Malaysia, Malaysia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/143311

On the Zeros of Linear Factors of Cyclotomic Polynomials Over Galois Fields
DOI: 10.9734/jamcs/2025/v40i92053

Reviewers:
(1) Najme Sahami, University of Victoria, Canada.
(2) Otto Ziep, Germany.
(3) Kailash Yadav, Central University Haryana, India.
(4) Chahrazed Harrat, University of Sciences and Technology “Mohamed Boudiaf” of Oran, Algeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/143544

Mathematical Modeling of HIV/AIDS Dynamics in Relation to Drug Abuse
DOI: 10.9734/jamcs/2025/v40i92054

Reviewers:
(1) Purnendu Sardar, Jadavpur University, India.
(2) D. Mohanapriya, PSG College of Arts & Science, India.
(3) Abdullahi Isyaku, Federal College of Animal Health and Production Technology Ibadan, Nigeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/144933

2025 - Volume 40 [Issue 10]

Adaptive Multilevel Monte Carlo Method for Elliptic Eigenvalue Problem with Random Coefficients
DOI: 10.9734/jamcs/2025/v40i102055

Reviewers:
(1) M. Yegammai, Bharathiar University, India.
(2) Carlos Henrique Tognon, Federal University of Triângulo Mineiro, Brazil.
(3) Brett Teeple, University of Calgary, Canada.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/145882

A Necessary Condition for Determining the Validity of Twin Prime Pairs
DOI: 10.9734/jamcs/2025/v40i102056

Reviewers:
(1) M. Rameshkumar, P. A. College of Engineering and Technology, India.
(2) Madhavi Levaku, Yogi Vemana University, India.
(3) Bandita Sahu, Birla Global University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146091

Numerical Analysis of Fluid Flow Due to a Dam Break: A Case of Solai Dam Break Nakuru County, Kenya
DOI: 10.9734/jamcs/2025/v40i102057

Reviewers:
(1) Shantanu Dutta, India.
(2) Putu Veri Swastika, Indonesia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/142093

A Study on Hyperbolic Generalized Adrien Numbers
DOI: 10.9734/jamcs/2025/v40i102058

Reviewers:
(1) Zeeshan Asghar, Prince Sultan University, Saudi Arabia.
(2) Engin Özkan, Marmara University, Türkiye.
(3) Altaf Ahmad Bhat, University of Technology and Applied Sciences, Sultanate of Oman.
(4) Amiruddin Bin Ab Aziz, Universiti Teknologi Mara Cawangan, Malaysia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146330

Sufficient Conditions for n-th Root of x Being an Irrational Number for all nεN, n≥2
DOI: 10.9734/jamcs/2025/v40i102059

Reviewers:
(1) Preetham N Raj, Dr. H N National College of Engineering, India.
(2) Subhajit Samaddar, Vivekananda Center for Research, India.
(3) Mannu Arya, Govt College Jind Haryana, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146079

Chromatic Polynomials of $C^{(3)}_n$ Graphs: Lucas Sequences, φ^n Asymptotics, and Linear Recurrence Existence
DOI: 10.9734/jamcs/2025/v40i102060

Reviewers:
(1) Tony Augustine, Nirmala College, India.
(2) Takaaki Fujita, Japan.
(3) Enes Ata, Bingol University, Turkey.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146917

Degree Analysis and Similarity Measures in Pythagorean Fuzzy Graphs under Threshold Conditions
DOI: 10.9734/jamcs/2025/v40i102061

Reviewers:
(1) V. Senthilkumar, Cardamom Planters 'Association College, India.
(2) S Venkata Rao, Shri Vishnu Engineering College for Women(A), India.
(3) Pranesh Kulkarni, T. John Institute of Technology Bangalore, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146800

2025 - Volume 40 [Issue 11]

Effect of Mathematics Anxiety on Mathematics Performance among Ghanaian SHS Students
DOI: 10.9734/jamcs/2025/v40i112062

Reviewers:
(1) Ahmed J. M. Al-Zuhairi, University of Diyala, Iraq.
(2) Yevtushenko Nataliia, National Technical University "Kharkiv Polytechnic Institute", Ukraine.
(3) Eny Suryowati, Universitas PGRI Jombang, Indonesia.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/147596

Modeling the Effect of Math Anxiety on Student Mathematics Performance
DOI: 10.9734/jamcs/2025/v40i112063

Reviewers:
(1) Eric Isaac Shockden, Plateau State University Bokkos, Nigeria.
(2) Emmanuel Dumbuya, Njala University, Sierra Leone.
(3) Ngaka John Nchejane, National University of Lesotho, Lesotho.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/147597

Effect of Internal Obstacle Geometry on Natural Convection in a Wavy-Top Trapezoidal Cavity Filled with Cu–H_2O Nanofluid
DOI: 10.9734/jamcs/2025/v40i112064

Reviewers:
(1) Shantanu Dutta, National Institute of Technology, India.
(2) Ahmed Mahmoudi, Energie et Energies Renouvelables (MEER), Tunisie.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/147720

Comparative Analysis of Mask-R CNN and YOLOv8 Models for Automated Detection and Classification of Malaria Parasite in Microscopy Images
DOI: 10.9734/jamcs/2025/v40i112065

Reviewers:
(1) Naseebia Khan, Harrisburg University, USA.
(2) Gunasekar T, VIT University, India.
(3) Sarvesh Kumar Gupta, USA.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/147730

Some New Fixed-point Theorems for Almost Generalized (α, β, γ, ψ_1, ϕ_1^*, η, ϑ)-Contractive Mappings in Partial Metric Spaces
DOI: 10.9734/jamcs/2025/v40i112066

Reviewers:
(1) Amit Gangwar, Bharat Institute of Engineering and Technology, India.
(2) Ehsan Lotfali Ghasab, Jundi-Shapur University of Technology, Iran.
(3) Adil Baiz, University Hassan II, Morocco.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/147588

Defeating Linearization Attacks with Min-Plus-Modulo Digital Signature
DOI: 10.9734/jamcs/2025/v40i112067

Reviewers:
(1) Mirzakhmet Syzdykov, Kazakhstan.
(2) Rana Muhammad Zulqarnain, Xian International University, China.
(3) Krishna Murari Malav, ABV-Indian Institute of Information Technology and Management Gwalior, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/148065

On Stability of Generalized Quadratic Functional Equation in 2-Banach Spaces
DOI: 10.9734/jamcs/2025/v40i112068

Reviewers:
(1) ZONGO Abel, Université Joseph KI-ZERBO, Burkina Faso.
(2) Ilker Gencturk, Kirikkale University, Türkiye.
(3) Bakht Zada, University of Peshawar, Pakistan.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146885

2025 - Volume 40 [Issue 12]

A Novel Deep Learning Approach for High-Fidelity Vectorization of Arabic Calligraphy
DOI: 10.9734/jamcs/2025/v40i122069

Reviewers:
(1) B.R. Kumar, Andhra Loyola College, India.
(2) Yogesh Ramaswamy, Northeastern University, United States.
(3) Baljit Saini, K.D. Polytechnic, India.
(4) Nagavali Saka, Jawaharlal Nehru Technological Univesity, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/148770

Edge AI with Dynamic Tables: Enabling Real-Time Intelligence and Operational Excellence at Scale
DOI: 10.9734/jamcs/2025/v40i122070

Reviewers:
(1) Nithyanandh Selvam, Bharathiar University, India.
(2) Mihir Harishbhai Rajyaguru, The Charutar Vidya Mandal (CVM) University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/148538

Nonlinear Cox Survival Modeling of Prostate Cancer with SHAP-Based Explainability
DOI: 10.9734/jamcs/2025/v40i122071

Reviewers:
(1) Zainab A. Abdulazeez, University of Kerbala, Iraq.
(2) Pravin Sankhwar, University of the Cumberlands, USA.
(3) R. Pavithra Guru, SRM Institute of Science and Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/148912

On Equal Sums of Sixth Powers and Products of Sums of Squares: $(x^6+y^6+z^6+d^6)^k=(x^2+y^2+z^2+d^2)^k(u^2+v^2+w^2)$
DOI: 10.9734/jamcs/2025/v40i122072

Reviewers:
(1) Subham De, Indian Institute of Technology Delhi, India.
(2) Prakashkumar Hasmukhbhai Patel, Shri Govind Guru University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149403

Derivation of a Pricing Model for European Calls with Transaction Costs under the Heston Stochastic Volatility
DOI: 10.9734/jamcs/2025/v40i122073

Reviewers:
(1) Janardan Behera, Ravenshaw University, India.
(2) Sule Muhammed, Nnamdi Azikiwe University, Nigeria.
(3) Dleuna Nyoumbi Christelle, IMSP, Benin.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/147500

A Study on Dual Generalized Pierre Numbers
DOI: 10.9734/jamcs/2025/v40i122074

Reviewers:
(1) Tetiana Nadryhailo, Dniprovsky State Technical University, Ukraine.
(2) Muthucumaraswamy Rajamanickam, Sri Venkateswara College of Engineering, India.
(3) Bimal Chandra Das, Tripura University, India.
(4) Sanjib Kumar Datta, University of Kalyani, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149023

On Certain Relations of Powers $(x^2+y^2+z^2+d^2)^r=k(ax^2+bx+c)^s(u^2+v^2+w^2)$
DOI: 10.9734/jamcs/2025/v40i122075

Reviewers:
(1) Luigi Fortuna, University of Catania, Italy.
(2) P. Surendra Kumar, Acharya Nagarjuna University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149394

Convergence Analysis of Temporally Distributed Nonlinear Systems
DOI: 10.9734/jamcs/2025/v40i122076

Reviewers:
(1) Omkar Kulkarni, Dr. Vishwanath Karad MIT- World Peace University, India.
(2) Purnendu Sardar, Jadavpur University, India.
(3) R. Ramesh, SRM Institute of Science and Technology, Chennai.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146694

Deep Learning-based Analysis of Spinal Cord Regions for Risk Assessment and Clinical Awareness: A Social Worker's Perspective
DOI: 10.9734/jamcs/2025/v40i122077

Reviewers:
(1) Pauline Sharmila, Tagore College Of Nursing, India.
(2) Khaled El-Sayed Ahmed Mostafa, Benha, Egypt.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149679

Analysis of the Volatility of CSI 300 Stock Market Based on Complex Networks
DOI: 10.9734/jamcs/2025/v40i122078

Reviewers:
(1) S. Sundara Ram, MSME Development Institute Government of India, India.
(2) Abhijit Biswas, India.
(3) Sulaiman Ebrahim Kunju, Mahatma Gandhi University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149343

Teacher Support, Professionalism, and School Climate: An Exploratory Factor Analytic Approach to Learning Environment Quality
DOI: 10.9734/jamcs/2025/v40i122079

Reviewers:
(1) Varsha Patnaik, Rajiv Gandhi University, India.
(2) Mohamed Nasir, Irushadhiyya School, Maldives.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149052

Characterizations of Bounds and Tree Structures for the Hyperbolic Sombor Index
DOI: 10.9734/jamcs/2025/v40i122080

Reviewers:
(1) D. Kalamani, Bharathiar University PG Extension and Research Centre, India.
(2) Sulaiman Awwal Akinwunmi, Federal University of Kashere, Nigeria.
(3) Bindusree A R, Chinmaya Vishwavidyapeeth, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149248

Entropy of the Adjacency Spectrum: A New Graph Invariant
DOI: 10.9734/jamcs/2025/v40i122081

Reviewers:
(1) M. Rameshkumar, P. A. College of Engineering and Technology, India.
(2) Ashish Kumar Sharma, Arni University, India.
(3) Srikanth Raghavendran, SASTRA Deemed University, India.
(4) Ibrahim Ismaila Omeiza, University of Maiduguri, Nigeria.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149398

Modelling of Unsteady Hydromagnetic Micropolar Nanofluid Flow along a Vertical Plate with Reactive Effects
DOI: 10.9734/jamcs/2025/v40i122082

Reviewers:
(1) Rajendra Singh Yadav, University of Rajasthan, India.
(2) S. Kaliappan, KCG College of Technology, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/146535

A Multi-level Encryption Scheme Using Affine Transformations and Non-singular Recurrence Matrices
DOI: 10.9734/jamcs/2025/v40i122083

Reviewers:
(1) Aziz Arbai, ENSI – Ecole des Nouvelles Sciences & Ingénierie, Morocco.
(2) Karunia Eka Lestari, Universitas Singaperbangsa Karawang, Indonesia.
(3) M. Seenivasan, Annamalai University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149723

Graph-Theoretic Optimization of Wi-Fi Channel Assignment: A Simulation-Based Study
DOI: 10.9734/jamcs/2025/v40i122084

Reviewers:
(1) M. K. Kothawade, Guru Gobind Singh Colllege of Engineering and Research Centre, India.
(2) D. Kalamani, Bharathiar University PG Extension and Research Centre, India.
(3) Mohammadesmail Nikfar, Iran.
(4) Shashi, Noida International University, India.

Complete Peer Review History: https://pr.sdiarticle5.com/review-history/149439
