

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

Journal of Advances in Mathematics and Computer Science
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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.

Additional Reviewers:

- (1) Pardeep Kumar, SGT University, India.
- (2) M. Venkateswara Rao, Vignana Bharathi Institute of Technology, 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 Cumberland, 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.

Additional Reviewers:

- (1) Lan Zongjun, Guangzhou College of Technology and Business, China.
- (2) Rachid Ait Daoud, Higher School of Technology Fkih Ben Salah, Sultan Moulay Slimane University, Morocco.
- (3) Shamik Palit, University of Stirling, United Arab Emirates.

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.

Additional Reviewers:

- (1) S Manikandan, Baba Ghulam Shah Badshah Univesrity, 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 Weeragunaratna Sahabandu, The Open University of Sri Lanka, Sri Lanka.
- (2) Abbas Al-Shimmary, College of Engineering, Mustansiriyah University, Iraq.

Additional Reviewers:

- (1) Christian Kasumo, Mulungushi University, Zambia.

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.

Additional Reviewers:

- (1) Abid Ali, University of the Punjab, Pakistan.
- (2) Ahmed Saad Rashed, Zagazig University, Egypt.
- (3) Kelvin Muzundu, University of Zambia, Zambia.
- (4) Riadh Chteoui, University of Tabuk, Saudi Arabia.

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.

Additional Reviewers:

- (1) J. Vinothkumar, Annamalai University, India.
- (2) Kirti Gupta, Shri Guru Ram Rai University, India.
- (3) Kiran Dewangan, Government Dudhadhari Bajrang Girls' P.G. College, Pt. Ravishankar Shukla University, India.

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

2025 - Volume 40 [Issue 2]

On Certain Results On The Diophantine Equation: $\sum_{r=1}^n w_r^2 + \frac{n}{3}d^2 = 3\left(\frac{nd^2}{3} + \sum_{r=1}^{\frac{n}{3}} w_{3r-1}^2\right)$
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.

Additional Reviewers:

- (1) Ayesha Naureen, B V Raju Institute of Technology, India.
- (2) Amit Kukker, NSIT, India.
- (3) Ayesha Naureen, B V Raju Institute of Technology, India.
- (4) Kumbam Venkat Reddy, Vignana Bharati Institute of Technology, India.
- (5) Nanthini K, JAIN (Demmed-To-Be University), 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.

Additional Reviewers:

- (1) Adebimpe Bolatito Ige, Canada.
- (2) Anandhi Giri, VELS University, India.
- (3) J Sheeba selvapattu, JAIN Deemed to be University, India.
- (4) Rakibul Hasan Chowdhury, USA.

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.

Additional Reviewers:

- (1) Joseph Aaron Tsapa, USA.
- (2) Kavita Yogesh Dhakad, Indira College of Commerce and Science, SPPU, India.
- (3) Shikha Singh, Maharishi University of Information and Technology, India.
- (4) Vamsi K, WSU, USA.

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.

Additional Reviewers:

- (1) Vishal Kumar, Chandigarh University, India.
- (2) Bala Dhandayuthapani V, University of Technology and Applied Sciences – Shinas, Oman.
- (3) Rakesh Kumar Sen, GITA Autonomous College, India.
- (4) Uppin C V, Hensard Univesity, 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.

Additional Reviewers:

- (1) Dimplekumar Chalishajar, Virginia Military Institute, USA.
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- (3) Achraf Zinihi, FST Errachidia, Moulay Ismail University, Morocco.
- (4) Fatemeh Soleyman, K.N. Toosi University of Technology, Iran.
- (5) H. R. Sahebi Islamic Azad University, Ashtian Branch, Iran.
- (6) Kailash Yadav, Nirwan University, Indian.
- (7) Kamran, Islamia College Peshawar, Pakistan.
- (8) Mohamed Khalil Ibrahim, October University for Modern Sciences and Arts (MSA), Egypt.
- (9) Mulualet Aychluh, Samara University, Ethiopia.
- (10) Prakashkumar h. Patel, The m. S. University of baroda, India.
- (11) Rashid Jan, Universiti Tenaga Nasional, Malaysia.
- (12) Rostam Kareem Saeed, Salahaddin University-Erbil, Iraq.
- (13) Santosh Ruhil, Indian Institute of Technology Mandi, India.
- (14) Shahram Rezapour, Azarbaijan Shahid Madani University, Iran.
- (15) Taylan DEMİR, Ankara University, Turkey.
- (16) Ümit Çakan, İnönü University, Türkiye.

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.

Additional Reviewers:

- (1) Asiya Ansari, Integral University, India.
- (2) Kailash Yadav, Maulana Azad National Institute of Technology, India.
- (3) Kazeem ISSA, Kwara State University, Nigeria.
- (4) H. Laeli Dastjerdi, Islamic Azad University, Iran.
- (5) Taiye Oyedepo, Federal University of Allied Health Sciences, Nigeria.

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) Nurdianti, Universitas Muhammadiyah Makassar, Indonesia.

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- (1) Angelo Marcelo Tusset, Federal University of Technology – Paraná (UTFPR), Brazil.
- (2) Christian S. Domondon, University Of Northern Philippines, Philippines.
- (3) J Sinthiya, Sri Ramakrishna College Of Arts & Science, India.
- (4) Karthiksankar P, G. Venkataswamy Naidu College (Autonomous), India.
- (5) M. Felix Nes Mabel, St. Xavier's Catholic College of Engineering, Kanyakumari, India.
- (6) Oluwasemire John Adegboro, University of Medical Sciences, Nigeria.
- (7) Rachid Messaoudi, University Mohammed 1st of Oujda Multidisciplinary Faculty of Nador, Morocco.
- (8) Syamsul Kurniawan, Pontianak.

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

2025 - Volume 40 [Issue 3]

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.

Additional Reviewers:

- (1) Mangapathi Nerukonda, B V Raju Institute Of Technology, India.
- (2) Naveen Kumar, Chandigarh University, India.
- (3) Saeed A. A. Al-Salehi, Aden University, Yemen.
- (4) Salim Dawood mohsen, Mustansiriyah university, Iraq.
- (5) Tariq Qawasmeh, Amman Arab University, Jordan.

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.

Additional Reviewers:

- (1) Ahmed Kadhim Hussein, University of Babylon, Iraq.
- (2) Ali Chamkha, Kuwait College of Science and Technology, Kuwait.
- (3) Perepi Rajarajeswari, Vellore Institute of Technology, India.
- (4) 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.

Additional Reviewers:

- (1) Alio Boubacar Goga, Abdou Moumouni University, Niger.
- (2) Bishesh Kafle, Nepal.
- (3) K Lakshmi Viveka, Pragati Engineering College (Autonomous), India.
- (4) Mohsin Fayaz, KL University, India.
- (5) Odukoya Oluwatoyin Helen, Obafemi Awolowo University, Nigeria.
- (6) Poomima Hulipalled, Kishkinda University, India.
- (7) Mohd Saleem Mir, India.
- (8) Veerabhadrapppa Algur, Rao Bahadur Y Mahabaleswarappa Engineering College, India.
- (9) Yasmin Makki Mohialden, Mustansiriyah University, Iraq.

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.

Additional Reviewers:

- (1) Christian Walsh Benjamin, CVM University, India.
- (2) Khodani Tshivhi, Stellenbosch University, South Africa.
- (3) Naeem Ullah, Yangzhou University, China.
- (4) S. Eswaramoorthi, Chennai 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.

Additional Reviewers:

- (1) Chandani Sharma, MMICTBM (MCA) Maharishi Markandeshwar (Deemed to be University), India.
- (2) Radhakrishna Karne, CMR Institute of Technology, India.
- (3) Thenmozhi Ganesan, Alagappa University, India.
- (4) Yi Wu, USA.

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.

Additional Reviewers:

- (1) Ahmed Mohamed Abdel Aal Abdallah, Egypt.
- (2) Bachir Nour Kharrat, Ebla Private University, Syria.
- (3) George Albert Toma, Syrian Arab Republic.
- (4) Hassan Khan, Abdul Wali Khan University, Pakistan.

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.

Additional Reviewers:

- (1) Wulfran Fendzi Mbasso, University of Douala, Cameroon.

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.

Additional Reviewers:

- (1) Rex P. Flejoles, Iloilo Science and Technology University, Philippines.
- (2) Sumon Gazi, United States of America (USA).

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.

Additional Reviewers:

- (1) Debajit Sensarma, Vivekananda Mission Mahavidyalaya, India.

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.

Additional Reviewers:

- (1) Ayad Hasan Adhab, Kufa University, Iraq.
- (2) Naramula Venkatesh, School of Computer Science and Artificial Intelligence, SR University, India.
- (3) Omar M. Salih, Northern Technical University, Iraq.
- (4) Shadi M.S. Hilles, Al-Madinah International University (MEDIU), Malaysia.

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.

Additional Reviewers:

- (1) Abhilasha, Kurukshetra University, India.
- (2) Mohsen Mohamadi, Ayatollah Amoli Branch, Islamic Azad University, Iran.

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) Probbas 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) Bebitovimalan A, St. Joseph's College, India.

Additional Reviewers:

- (1) Asma Anjum, HKBK College of Engineering, India.
- (2) Chandra Shekhar, Birla Institute of Technology & Science, Pilani Campus, India.
- (3) Katta Lakshmi Narasimhamu, Mohan Babu University, 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) Asli Alkan, Fırat University, Turkey.

Additional Reviewers:

- (1) Majeed Ahmad Yousif, University of Zakho, Iraq.
- (2) Mohammed Berir, Bakht Al-Ruda University, Sudan.
- (3) Mohammed Sahib Mechee, University of Kufa, Iraq.
- (4) M. Sumathi, Nadar Mahajana Sangam S. Vellaichamy Nadar College, India.

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 Weeragunaratna 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.

Additional Reviewers:

- (1) Cutberto Romero Meléndez, Metropolitan Autonomous University, Mexico.

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.

Additional Reviewers:

- (1) M. Arunkrishna, Christhu Raj College (Affiliated to Bharathidasan University), India.

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., Saphthagiri NPS University, India.
- (4) Sergio Da Silva, Federal University of Santa, Brazil.

Additional Reviewers:

- (1) Otto Ziep, Germany.
- (2) Takaaki Musha, Japan.

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.

Additional Reviewers:

- (1) Ahmed A. Hamoud, Taiz University, Yemen.
- (2) George Albert Toma, Higher Institute for Applied Sciences and Technology, Syrian Arab Republic.
- (3) Muthuselvan. K, Amrita Vishwa Vidyapeetham, India.
- (4) Sivaranjani Ramasamy, KPR Institute of Engineering and Technology, India.

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. Najumnessa, 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.

Additional Reviewers:

- (1) Lewis N. K. Mambo, University of Kinshasa; Central Bank of the Congo, The Democratic Republic of the Congo.

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:

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- (1) Abu Salek, Jahangirnagar University, Bangladesh.

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.
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A Novel Dataset and Algorithm for Identifying Divisors of an Odd Composite Integer Using Distributed Parallel Network

DOI: 10.9734/jamcs/2025/v40i52001

Reviewers:

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- (3) Eoin Mackall, University of California Santa Cruz, USA.
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- (5) Sara Benatmane, University of Science and Technology Houari Boumediene, Algeria.

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.

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- (1) Chittaranjan Pradhan, United States.
- (2) Mahmood Subhy Mahmood, University of Mosul, Iraq.

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.

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- (1) Martins E. Irhebhude, Nigerian Defence Academy, Nigeria.
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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.

Additional Reviewers:

- (1) Jinyuan Liu, Weifang University of Science and Technology, China.
- (2) Sangodapo Taiwo. O, University of Ibadan, Nigeria.

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.
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Additional Reviewers:

- (1) Hamdy Ahmed Mahmoud Hamed, Helwan University, Egypt.
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- (3) Hamdy Ahmed Mahmoud Hamed, Helwan University, Egypt.
- (4) Hom Raj Khadka, Gyansagar Government School, Nepal.
- (5) Priyanka Nilesh Jadhav, KES's Rajarambapu Institute of Technology, India.

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.

Additional Reviewers:

- (1) Ahmed Refaie Ali, Menoufia University, Egypt.
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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.

Additional Reviewers:

- (1) F. Mebarek-Oudina, Skikda University, Algeria.

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.
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- (5) Sylas Oswald, University of Dar es Salaam, Tanzania.

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.

Additional Reviewers:

- (1) R. Raman, Grace College of Engineering, 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.
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- (6) Jalil Manafian, University of Tabriz, Iran.
- (7) Olufemi adesola adedayo (adedayo o. A.), University of Massachusetts, Amherst, USA.

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.

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- (1) D. Lakshmi, AMET University, India.
- (2) Hesham Mohamed Metwally, Ain Shams University, Egypt.

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

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

Reviewers:

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

Additional Reviewers:

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

Additional Reviewers:

- (1) Samaresh Deyashi, India.

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.

Additional Reviewers:

- (1) R. Naveenkumar, Brainware University, 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.
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Additional Reviewers:

- (1) Ankita Sharma, Institute of Business Management and Research, Indore, India.

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 Ahmmmed, 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.
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- (6) Tiruvedula Gopi Krishna, Adama Science and Technology University, Ethiopia.
- (7) Wahida Bnnu, Don Bosco Institute of Technology Bangalore, India.

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 Almuher, Applied Science Private University, Jordan.
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- (1) Wang Zhongli, Beibu Gulf University, China And Universiti Sains Malaysia, School Of Mathematical Sciences, Malaysia.

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.
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- (1) Nimisha Mishra, Amity University Lucknow, India.

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.

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- (1) Edina Eva Kulcsár, Partium Christian University, Romania.

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Numerical Analysis of Conjugate MHD Free Convection of Cu–H₂O 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.

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- (1) André Felipe Vieira da Cunha, Federal University of Pernambuco (UFPE), Brazil.
- (2) Madan Lal, Mahatma Jyotiba Phule Rohilkhand University, India.
- (3) Mahafujur Rahaman, Z. H. Sikder University of Science and Technology, Bangladesh.

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.

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- (1) Ernesto Cervantes López, México.
- (2) Fausto Galettos, Politecnico di Torino, Italy.
- (3) Sandeep Bhardwaj, CCS Haryana Agricultural University, India.

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.

Additional Reviewers:

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- (2) Suwimon Kooptiwot, Suan Sunandha Rajabhat University, Thailand.

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

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- (1) Emanuele Cuono Amoroso, Italia.
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- (3) Maria Petrova Vlahova-Takova, Technical University of Sofia, Sofia.

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.

Additional Reviewers:

- (1) Salahu Wasiu Omotayo, Ladoke Akintola University Of Technology, Nigeria.

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.

Additional Reviewers:

- (1) Adebimpe Bolatito Ige, Canada.
- (2) Glorindal, DMI-St. John the Baptist University, Malawi.
- (3) Niravkumar Dhameliya, USA.
- (4) Rakibul Hasan Chowdhury, International Institute of Business Analysis (IIBA), 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 Walegn (PhD), Debre Tabor University, Ethiopia.

Additional Reviewers:

- (1) D. Chenna Kesavaiah, Vignan's Institute of Management and Technology for Women, India.
- (2) G. Dharmiah, Vasireddy Venkatadri International Technological University, India.

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.

Additional Reviewers:

- (1) Dibjyoti Mondal, National Institute of Technology, Tiruchirappalli, India.
- (2) Ilea Mihail-Ovidiu, 'Gr.T. Popa' University of Medicine and Pharmacy, Romania.
- (3) Jalil Manafian, University of Tabriz, Iran.
- (4) R Muthucumaraswamy, Sri Venkateswara College of Engineering, India.

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

2025 - Volume 40 [Issue 9]

On Certain Relation of Sums of Squares and Quartic
DOI: 10.9734/jamcs/2025/v40i92039

$$\sum_{r=1}^{2k} a_r^4 + kd^4 = 2 \sum_{r=1}^{2k-1} (a_r a_{r+1} + d^2)^2$$

Reviewers:

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

Additional Reviewers:

- (1) Manju Somanath, National College, Aliated to Bharathidasan 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) Natalia Diachenko, Zaporizhzhia National University, Ukraine.
- (2) Abbas Fadhil Abbas Al-shimmary, Mustansiriyah University, Iraq.

Additional Reviewers:

- (1) Benitha Wises Samuel, Saveetha University, India.

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.

Additional Reviewers:

- (1) Gianluca Perniciano, University of Cagliari, Italy.

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.

Additional Reviewers:

- (1) Faten Imad Ali, AL-Nahrain University, Iraq.
- (2) Mohamed Karim Hamdani, University of Sfax, Tunisia.

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.

Additional Reviewers:

- (1) A. Kanni Raj, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (deemed to be University, recognised as Category-I institute by Government of India), India.
- (2) Ahmed S. Habeeb, University of Kerbala, Iraq.
- (3) Alfunsu Prathiba, CVR College of Engineering, India.
- (4) Gunawan Nugroho, Institut Teknologi Sepuluh Nopember, Indonesia.
- (5) Madan Lal, Mahatma Jyotiba Phule Rohilkhand Rohilkhand University, India.
- (6) Niculescu Mihai Leonida, INCAS – National Institute for Aerospace Research “Elie Carafoli”, Romania.

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.

Additional Reviewers:

- (1) Sudan Jha, Kathmandu University, Nepal.

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

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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:

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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

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

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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

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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

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

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

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

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

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

Reviewers:

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

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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

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

Reviewers:

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Sufficient Conditions for n-th Root of x Being an Irrational Number for all $n \in \mathbb{N}$, $n \geq 2$
DOI: 10.9734/jamcs/2025/v40i102059

Reviewers:

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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

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

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

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

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Effect of Internal Obstacle Geometry on Natural Convection in a Wavy-Top Trapezoidal Cavity Filled with Cu–H₂O Nanofluid
DOI: 10.9734/jamcs/2025/v40i112064

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- (2) Ahmed Mahmoudi, Energie et Energies Renouvelables (MEER), Tunisie.

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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

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- (3) Sarvesh Kumar Gupta, USA.

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

Some New Fixed-point Theorems for Almost Generalized $(\alpha, \beta, \gamma, \psi_1, \phi_1^*, \eta, \vartheta)$ -Contractive Mappings in Partial Metric Spaces
DOI: 10.9734/jamcs/2025/v40i112066

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

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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

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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:**

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

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

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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:**

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- (2) Prakashkumar Hasmukhbhai Patel, Shri Govind Guru University, India.

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

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

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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

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Convergence Analysis of Temporally Distributed Nonlinear Systems

DOI: 10.9734/jamcs/2025/v40i122076

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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

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Analysis of the Volatility of CSI 300 Stock Market Based on Complex Networks

DOI: 10.9734/jamcs/2025/v40i122078

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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

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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

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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

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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

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A Multi-level Encryption Scheme Using Affine Transformations and Non-singular Recurrence Matrices

DOI: 10.9734/jamcs/2025/v40i122083

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Graph-Theoretic Optimization of Wi-Fi Channel Assignment: A Simulation-Based Study

DOI: 10.9734/jamcs/2025/v40i122084

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