

Editorial Board

Dr. Mohammad Reza Iravani, Iran

Dr. Farooq Ahmad, Pakistan

Dr. Ashraf Bhat, India

Dr. Ajayi, Johnson Olusegun, Nigeria

Dr. Sunita Singh, India

Dr. Abubakar S.R. Matazu, nigeria

Dr.Cristina-Georgiana Voicu, Germany

Dr. Amirul Mukminin, Indonesia

Dr. Ravi Kant, India

Dr. Michael Akintayo, New York

Dr. Viktor Jakupc, Nigeria

Dr. Shahabudin Abdullah, Malaysia

Dr. Rabindra Kumar Pradhan, India



Journal Research in Applied Mathematics (JRAM)

ISSN : 2394-0743



Contact Us:

Quest Journals Inc.

Web: www.questjournals.org

Mail: quest@editormails.com

Volume 11 - Issue 12

Peer Reviewed Refereed Journal



Journal Research in Applied Mathematics (JRAM)

Volume 11 - Issue 12

ISSN : 2394-0743

Contents :

Minimum Augmented Zagreb Index on Chemical Trees with Given Number of Pendent Vertices	01-10
The Role of Teachers in Fostering Motivation and Interest in Mathematics: A Study of Senior High Schools in Mampong Municipality, Ghana	11-18
Simplicial Complexes in Algebraic Topology	19-20
On the way of Pair wise Orthogonal Frames Generated by Regular and Unitary Representations of LCA Groups	21-32
Highlightness of Uniform Rigidity and Multi-Sensitivity on Uniform Spaces	33-42
Fixed point theorem for (, MF) – contraction on C^*- algebra valued b- metric space	43-50
On Purely Infinite C^*-algebras Associated to Hausdorff – Etale Groupoids	51-62
Complex Stochastic Dynamics and Information Measures in Quantum-Inspired Models	63-81
On Mean Li-Yorke Chaos in Banach Spaces	82-99
Integrating Discrete Topology with Graph Neural Networks A Framework for Directed Simplicial Complexes and Applications	100-108
Conjugation and Moduli in Tricomplex Numbers	109-119
Growth of Special Type Differential Polynomial Generated by Entire and Meromorphic Functions on The Basis of Their (α, β, γ) Order	120-125
On a thermodynamic limit for the Collatz sequence $T(n)=[(3 \cdot n+1)/2, n/2]$: odd and even integer numbers	126-134
Topological Signal Processing and Machine Learning: From Spectral and Hodge Foundations to Applications	135-144
A Modified Homotopy Perturbation Method for Efficient Analysis of Nonlinear Rotating Pendulum Dynamics	145-155
On Fractional Adams–Moser–Trudinger type inequality on Heisenberg group of General Domains	156-183
Nonlinear Analysis, Stability, and Bifurcation in a Compound Pendulum Model: An Analytical and Numerical Study	184-200