

## 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](http://www.questjournals.org)

Mail: [quest@editormails.com](mailto:quest@editormails.com)

## Volume 11 - Issue 4

Peer Reviewed Refereed Journal



# Journal Research in Applied Mathematics (JRAM)

Volume 11 - Issue 4

ISSN : 2394-0743

## Contents :

<b>An Application of Polynomial on RS Codes</b>	<b>01-05</b>
<b>About Artincokernel of The Group <math>(Q_{2l} C_7)</math> Where <math>l \neq 2, l</math> is prime number</b>	<b>06-17</b>
<b>Research on Integrity Verification Methods for Deep Learning Models Based on Adversarial Samples</b>	<b>18-35</b>
<b>Collatz Sequence: Negative Parity Invariance, Saturation Point, and Cycles</b>	<b>36-41</b>
<b>A multigrid discretization scheme for the Steklov eigenproblem</b>	<b>42-52</b>
<b>Exploring L-Fuzzy Bi-ideals in LA-Rings: A Lattice-Theoretic Approach</b>	<b>53-58</b>
<b>The Three Minimal Techniques of Variational Method</b>	<b>59-67</b>
<b>Research on Copyright Protection Methods for Deep Learning Models Based on Adversarial Examples</b>	<b>68-82</b>
<b>Application on Surjection and Inversion for Locally Lipschitz Maps between closer Banach Spaces</b>	<b>83-96</b>
<b>Piecewise fractional interpolation with application to the Coupled System of Nonlinear Fractional Ordinary Differential Equations</b>	<b>97-110</b>
<b>A Segmented Autoregressive Model Based on the Horizontal and Vertical Axes</b>	<b>111-125</b>
<b>A Priori Error Estimates for Biharmonic Eigenvalue Problems with Simply Supported Boundary Conditions</b>	<b>126-139</b>