IOSR Journal of Mathematics (IOSR-JM)

Managing Editor Board

- Dr. Alok Darshan Kothiyal
 H. N. B. Grahwal central University Srinagar Garhw. India
- Dr. Hasibun Naher Universiti Sains Malaysia, Malaysia
- Dr. Maryam talib aldossary University of dammam, Saudi Arabia
- Dr. Md. Abul Kalam Azad Applied Mathematics, University of Rajshahi, Bangladesh

International Editorial Board

- Dr. Kuldeep Narain Mathur, Malaysia
- Dr. Gauri Shanker Sao, India
- Dr. B.Selvaraj, India
- . Dr. M. Ali Akbar, Bangladesh
- Dr. Kishor R. Gaikwad, India
- Dr. Uttam Kumar, India
- Dr. Mohana Sundaram Muthuvalu, Malaysia
- Dr. Uttam Kumar Khedlekar, India

Contact Us

Website URL: www.iosrjournals.org Email: iosrjournals@gmail.com support@iosrmail.org







Qatar Office:

IOSR Journals Salwa Road Near to KFC and Aziz Petrol Station, DOHA, Qatar

India Office:

IOSR Journals SC-89 A, Shastri Nagar, Ghaziabad, UP, India

Australia Office:

43, Ring Road, Richmond Vic 3121 Australia

New York Office:

8th floor, Straight hub, NS Road, New York, NY 10003-9595



IOSR Journal of Mathematics

International Organization of Scientific Research

e-ISSN: 2278-5728 Volume: 14 Issue: 3 (Version - 1) p-ISSN: 2319-765X

Contents:

| The Method of Proof of Fermat's Last Theorem | 01-05 |
|--|-------|
| Implementation of Learning Problem Solving in Improving Critical Thinking Ability Mathematics Students | 06-11 |
| The Geometric Least Squares Fitting Of Ellipses | 12-18 |
| Universal Portfolios Generated by the f and Bregman Divergences | 19-25 |
| Les Nombres Graphiques Et Le Problème P=NP | 26-29 |
| On Scalar Quasi - Weak Commutative Algebras | 30-37 |
| Analysis on Time Taken For Recruitment in a Single Grade Marketing Organization with Classified Policy Decisions Having Non-Instantaneous Wastages as a Geometric Process with Two Control Limits | 38-43 |
| A Toolbox of Commutative Bi-Complex Algebra | 44-49 |
| The Unique Fixed Point That Satisfies the $^{\varphi}$ -Shrink Type Mapping in b_2 - Metric Space | 50-53 |
| The Present Value of Stochastic Perpetuity and inverse Gamma Distribution using the Scale Function | 54-57 |
| Optimal Control Strategy for Alcoholism Model with Two Infected Compartments | 58-67 |
| On The Linear Systems over Non Commutative Rhotrices | 68-72 |
| On Interval Valued Fuzzy Det-Norm Matrix with Partitions | 73-83 |