

2555

1. Hurricane Modeling
2. A Converse of a Matrix Inequality
3. Finite Element Modeling of Blood Flow in Stenosis Artery
4. A Study of Matrices with Prescribed Eigenvalues and Prescribed Submatrices II
5. A Study of Cramer's Rule for Some Quaternion Matrix Equation
6. Mathematical Model for Detecting Diabetes in Blood
7. Similarity Measures on Intuitionistic Fuzzy Sets
8. On the Solution of the Equation $x^y=y^x$
9. Iterated Exponentials
10. Applied Mathematical Model for Napkin Planning in Restaurant
11. Changes in Geometry : Invariant Areas in Euclid Geometry
12. The Category of Groups & Functors
13. Pascal Matrices
14. Hamming Codes
15. Functional Equation on Square
16. Generalized Beauty : The Square of the Number of Digits as 1 at all
17. Legendre Polynomials
18. On the Equation $a(a+d)(a+2d)(a+3d)=x^2$
19. An Introduction to Category Theory
20. Singular Value Decomposition
21. A Study of the Matrix Equation $X+A^T X^{-1}A=I$
22. A Quartic Functional Equation and its Generalized Hyers-Ulam-Russias Stability
23. Vector Spaces of Magic Squares
24. How to Succeed in Love
25. An Expert System for an Emergency Response Management in Networked Safe Service Systems
26. On the Stirling Series of Gamma Function
27. Muti-Period Vehicle Routing and Crew Scheduling with Outsourcing Options
28. How to Differentiate and Integrate Sequences
29. Maximum Flow and the Minimum Cut
30. Numerical Simulation of Blood Flow in the System of Human Coronary Arteries with and without Bypass Graft
31. Climate Change and its Marginalizing Effect on Agriculture
32. Unconstraint Optimization Techniques (Conjugate Gradient Methods)
33. Eulerian Glued Graphs
34. Higher Order Finite Difference Method for a Class of Singular Boundary Value Problems
35. Applications of Pascal's Triangle
36. Numerical Integration using Wang-Landau Sampling