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Nota di contenuto	Modified Lattice Paths And Gordon-Mcintosh Eighth Order Mock Theta Functions -- Classication based credit risk analysis: The case of Lending Club -- Equivariant LS-category and topological complexity of product of several manifolds -- On the solution set of semi-infinite tensor complementarity problem -- Local convergence analysis of a family of third order iterative methods using majorant function in

Riemannian Manifold -- Real dynamics of a sixth-order family of derivative free iterative method without memory -- Lieb Functions and PPT Matrices -- Algorithm for Reconstruction Number of Split Graphs -- Secure and Privacy-Compliant Data Sharing: An Essential Framework for Healthcare Organizations -- Analysis of oblique wave scattering by a thick bottom-standing barrier placed in between a pair of thin partially immersed barriers -- Method of fundamental solutions for doubly periodic potential problems -- A Transformer-based Stock Market Price Prediction by incorporating BERT Embedding -- Computation of Captive, Half Certified and Majority Domination Numbers of a Family of 3-regular Graphs -- Statistical Derivative -- Analysis of Multilanguage Regional Music Tracks using Representation Learning Techniques in Lower Dimensions -- Design of Microstrip Rectangular Dual Band Antenna for MIMO 5G Applications -- Overlapping Iterative Numerical Method for Solving System of Singularly Perturbed Convection Diffusion Problems with Mixed Type Boundary Conditions -- Stabilizer group of set ideals -- Geometric Algorithm for Generalized Inverse of Rank Deficient Real Matrices -- On Some Sequence Spaces in Fuzzy.

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### Sommario/riassunto

This book features selected papers from the 10th International Conference on Mathematics and Computing (ICMC 2024), held at Kalasalingam Academy of Research and Education (KARE), Krishnankoil, India during 2 – 7 January 2024. It covers recent advances in the field of mathematics, statistics, and scientific computing. The book presents innovative work by leading academics, researchers, and experts from industry in mathematics, statistics, cryptography, network security, cyber security, machine learning, data analytics and blockchain technology in computer science and information technology. The book is divided into two volumes.

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