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Nota di contenuto	Verifiable Delay Function Based on Non-linear Hybrid Cellular Automata -- Security Analysis of WG-7 Lightweight Stream Cipher against Cube Attack -- MILP Modeling of S-Box: Divide and Merge Approach -- A Relation between Properties of S-Box and Linear Inequalities of DDT -- Damage Level Estimation of Rubble-Mound Breakwaters using Deep Artificial Neural Network -- Facial Image Manipulation Detection using Cellular Automata and Transfer Learning -- Language Independent

Fake News Detection Over Social Media Networks using Centrality Aware Graph Convolution Network -- Private Blockchain Enabled Security Framework for IoT-Based Healthcare System -- GradeChain: A Hyperledger Fabric Blockchain Based Students' Grading System for Educational Institute -- Object-Background Partitioning on Images: A Ratio Based Division -- More on Semipositive Tensor and Tensor Complementarity Problem.

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Sommario/riassunto

This book features selected papers from the 9th International Conference on Mathematics and Computing (ICMC 2023), organized at BITS Pilani K. K. Birla Goa Campus, India, during 6–8 January 2023. 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, cybersecurity, machine learning, data analytics, and blockchain technology in computer science and information technology.

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