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Soggetti	Data protection Computer science - Mathematics Data and Information Security Mathematics of Computing
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Security and privacy -- Design of a certificateless designated server based searchable public key encryption scheme -- On the Security of a Searchable Anonymous Attribute Based Encryption -- Security on "Secure Remote Login Scheme with Password and Smart Card Update Facilities" -- Design of Secure and Efficient Electronic Payment System for Mobile Users -- A Deep Learning Based Artificial Neural Network Approach for Intrusion Detection -- Computing -- A Note on the Optimal Immunity of Boolean Functions against Fast Algebraic Attacks -- Study of FiveNeighborhood Linear Hybrid Cellular Automata and their Synthesis -- Cache optimized solution for sparse linear system over large order finite field -- Connected Fair Domination in Graphs -- Coordinating Particle Swarm Optimization, Ant Colony Optimization and KOpt algorithm for Traveling Salesman Problem -- FASER128 and its countermeasure -- Modelling of Aircraft's Dynamics Using Least Square Support Vector Machine Regression -- Accommodative FASFMG multilevel based meshfree augmented RBFFD method for NavierStokes equations in spherical geometry -- Applied Mathematics. Bessel sequences and Frames in Semiinner product Spaces -- Finiteness of

CrissCross Method in Complementarity Problem -- Imprecise
 Constrained Covering Solid Travelling Salesman Problem with
 Credibility -- Newton Like Line Search Method using qCalculus --
 Existence results of a generalized mixed exponential type vector
 variationallike inequalities. - On Approximate Solutions to One Class
 of Nonlinear Differential Equations -- A DavidonFletcherPowell Type
 QuasiNewton Method to Solve Fuzzy Optimization Problems --
 Bifurcation analysis of a delayed modified HollingTanner predatorprey
 model with refuge -- Improvement of analytical solution to the inverse
 truly nonlinear oscillator by Extended Iterative method. - Constrained
 Data Visualization using Rational Bicubic Fractal Functions --
 Electrokinetic flow in a surface corrugated microchannel -- Pure
 Mathematics -- Fundamental solutions to the Laplacian in plane
 domains bounded by ellipses -- A Nice Representation for a Link
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 Construction of Fractal Bases for Spaces of Functions. – Infinite Matrices
 Bounded on Weighted c_0 Space -- Mapping properties of one class
 of quasielliptic operators -- \mathcal{I}_{λ} Double Statistical
 Convergence In Topological Groups -- Superconvergence results for
 VolterraUrysohn integral equations of second kind -- Derivations on
 Lie Ideals of Prime GammaRings -- 4.9 λ_d Statistical
 convergence, λ_d statistical boundedness and strong $\left(\begin{smallmatrix} V, \lambda \end{smallmatrix} \right)_d$ summability in metric spaces -- On Gamma
 rings with Permuting Skew Triderivations -- A Higher Order Implicit
 Method for Numerical Solution of Singular Initial Value Problems.

Sommario/riassunto

This book constitutes the proceedings of the Third International
 Conference on Mathematics and Computing, ICMC 2017, held in Haldia,
 India, in January 2017. The 35 papers presented in this volume were
 carefully reviewed and selected from 129 submissions. They were
 organized in topical sections named: security and privacy; computing;
 applied mathematics; and pure mathematics. .