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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 between BernsteinDurrmeyer and Kantorovich Operators -- Construction of Fractal Bases for Spaces of Functions. – Infinite Matrices Bounded on Weighted  $c_0$  Space -- Mapping properties of one class of quasielliptic operators --  $\mathcal{I}_\lambda$  Double Statistical Convergence In Topological Groups -- Superconvergence results for VolterraUrysohn integral equations of second kind -- Derivations on Lie Ideals of Prime GammaRings -- 4.9  $\lambda_d$  Statistical convergence,  $\lambda_d$  statistical boundedness and strong  $\left( V, \lambda \right)_d$  summability in metric spaces -- On Gamma rings with Permuting Skew Triderivations -- A Higher Order Implicit Method for Numerical Solution of Singular Initial Value Problems.

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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. .

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