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	Nota di contenuto	M. Singh, N. Handa and S. Singhal, Exact Solution for Mixed Integrals Equations by Method of Bernoulli Polynomials -- N. Kumari and N. Mohan, Turing Pattern in a Cross Diffusive System -- V. Laha and H. N. Singh, On Multi objective Optimization Problems and Vector Variational-Like Inequalities -- A. Haq and N. Sukavanam, Controllability of Semi linear Control Systems with Fixed Delay in State -- J. Kumar and V. Shinde, Computational Performance of Server by using the MX/M/1 Queue Model -- H. Islam, Om Prakash and R. K. Verma, Quantum Codes from the Cyclic Codes over Fp[v, w]/v2 1,w2 1,vw – wvs) -- S. K. Bhatia, S. Chauhan and P. Arora: Effect of Sterile

Insect Technique on Dynamics of Stage Structured Model under Immigration -- P. Mahajan, S. K. Srivastava and R. Dogra, Strict Practical Stability of Impulsive Differential System in Terms of Two Measures -- H. Mittal and D. K. Sharma: Free Vibration Analysis of Rigidly Fixed Axisymmetric Viscothermoelastic Cylinder -- B. G. Choksi and T. R. Singh: Study on a Free Boundary Problem Arising in Porous Media -- N. Goel, S. Chauhan and S. K. Bhatia: Effect of Habitat on Dynamic of Native and Exotic Prey Predator Population -- R. Jain and A. K. Jain: Number of Cliques in Line, Lict and Lictact Graphs -- K. N. Rao: Friendship-Like Graphs and Its Classification -- A. Joshi and A. Kumar, Chaotic Maps: Applications to Cryptography and Network Generation for the Graph Laplacian Quantum States -- T. Agarwal, N. Saroha and G. Kumar, Consumer Behavior Analysis for Purchasing a Passenger Car in India -- A. Saleena and J. J. John C, A New Hybrid Model based on Triple Exponential Smoothing and Fuzzy Time Series for Forecasting Seasonal Time Series -- R. N. Saraswat and A. Umar, New Fuzzy Divergence Measure and Its Applications in Multi Criteria Decision Making Using New Tool -- N. K. Badhwar, S. Daniel and V. Kumar: An SIR Age-structured Model for Vector-Borne Diseases with Infective Immigrants -- B. K. Singh and A. Kumar, Numerical Study of Conformable Space and Time Fractional Fokker–Planck Equation via CFDT Method -- B. K. Singh, Multispectral Bayer Color Image Encryption -- D. Soyba and S. Sevgi, Investigation of Prospective Elementary Teachers' Opinions about Problem Concept.

| Sommario/riassunto | This book collects original research papers and survey articles presented at the International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM), held at Delhi Technological University, India, on 23–25 October 2018. Divided into two volumes, it discusses major topics in mathematical analysis and its applications, and demonstrates the versatility and inherent beauty of analysis. It also shows the use of analytical techniques to solve problems and, wherever possible, derive their numerical solutions. This volume addresses major topics, such as multi-objective optimization problems, impulsive differential equations, mathematical modelling, fuzzy mathematics, graph theory, and coding theory. It is a valuable resource to students as well as researchers in mathematical sciences. |