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Nota di contenuto	E. V. Grigorieva and E. N. Khailov, Optimal Strategies of the Psoriasis Treatment by Suppressing the Interaction Between T-Lymphocytes and Dendritic Cells -- I. Schreiber, V. Radojkovic, F. Muzika, R. Jurašek and L. Schreiberová, The use of reaction network theory for finding network motifs in oscillatory mechanisms and kinetic parameter estimation -- G. M. N'Guerekata, An existence result for some fractional Evolution equation with nonlocal conditions and compact resolvent operator -- M. Ghosh, Impact of Tobacco Smoking on the Prevalence of Tuberculosis Infection: a Mathematical Study -- S. G. Mosher, C. Costris-Vas and R. Smith, Modelling the Effects of Stigma on Leprosy -- U. Forys, One simple model { various complex systems -- Km. Meenakshi and S.B. Singh, Reliability Analysis of Multi-State Two-Dimensional System by Universal Generating Function -- D. Goswami, Quantum Symmetry of Classical Spaces -- P. Sankaran, Quasi-isometry and rigidity -- V. Kannan, Existence of Compositional Square-Roots of Functions -- E. Savas, On generalized statistical convergence and

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Sommario/riassunto

This book collects select papers presented at the “International Conference on Mathematical Analysis and Application in Modeling,” held at Jadavpur University, Kolkata, India, on 9–12 January 2018. It discusses new results in cutting-edge areas of several branches of mathematics and applications, including analysis, topology, dynamical systems (nonlinear, topological), mathematical modeling, optimization and mathematical biology. The conference has emerged as a powerful forum, bringing together leading academics, industry experts and researchers, and offering them a venue to discuss, interact and collaborate in order to stimulate the advancement of mathematics and its industrial applications. .
