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Nota di contenuto	A. S. Ackleh, S. Sikder and A. Zhang, A Discrete-time Predator-Prey Model with Selection and Mutation -- John A. D. Appleby and E. Lawless, On the dynamics and asymptotic behaviour of the mean square of scalar linear stochastic dierence equations -- V. Avrutin, L. Gardini, I. Sushko, Z. T. Zhusubaliyev, and U. A. Sopuev, Border Collision and Heteroclinic Bifurcations in a 2D Piecewise Smooth Map -- T. Azizi, Using Homotopy link function with Lipschitz threshold in

studying synchronized uctuations in biology -- A. G. Bagdasaryan, Solving Third Order Linear Recurrence Relations with Applications to Number Theory and Combinatorics -- A. Linero Bas and D. N. Roldan, A survey on max-type dierence equations -- M. Bialecki, Catalan numbers recurrence as a stationary state equation of the probabilistic cellular automaton -- G. N. Chhatria and A. K. Tripath, Oscillation of Second Order Impulsive Neutral Difference Equations of Non-Canonical Type -- D. Dragievi, On the robustness property of nonuniform exponential dichotomies -- S. Gefter, A. Goncharuk, and A. Piven, Implicit linear first order difference equations over commutative rings -- Z. Hou, Global attraction and repulsion of a heteroclinic limit cycle in three dimensional Kolmogorov maps -- S. Kalabuši, Dž. Drino and E. Pilav, Bifurcation and stability of a Ricker host-parasitoid model with a host constant refuge and general escape function -- S. Kapçak, Sage Math Tools for Stability and Bifurcation for Discrete Dynamical Systems -- P. E. Kloeden, Pullback attractors of nonautonomous lattice dierence equations -- M. R. S. Kulenovi and S. Van Beaver, Global Dynamics of Modied Discrete Lotka-Volterra Model -- H. Marzougui and A. Daghar, Nonwandering sets and Special -limit sets of Monotone maps on Regular Curves -- K. Mokni and Mohamed Ch-Chaoui, Asymptotic Stability, Bifurcation Analysis and Chaos Control in a Discrete Evolutionary Ricker Population Model with immigration -- Y. N. Raffoul, Weighted Norms In AdvancedVolterra Difference Equations -- A. Roznjik, H. Peics, and George E. Chatzarakis, Comparison of Tests for Oscillations in Delay/Advanced Dierence Equations with Continuous Time -- M. Saburov and K. Saburo, Krause Mean Processes Generated by Cubic Stochastic Matrices II: Off-Diagonally Positive Cubic Stochastic Matrices -- L. Sing, Linearization for dierence equations with innite delay -- S. H. Streipert and Gail S. K. Wolkowicz, A Method to Derive Discrete Population Models -- Horst R. Thieme, Reproduction number versus turnover number in structured discrete-time population models.

| Sommario/riassunto | This book comprises selected papers of the 26th International Conference on Difference Equations and Applications, ICDEA 2021, held virtually at the University of Sarajevo, Bosnia and Herzegovina, in July 2020. The book includes the latest and significant research and achievements in difference equations, discrete dynamical systems, and their applications in various scientific disciplines. The book is interesting for Ph.D. students and researchers who want to keep up to date with the latest research, developments, and achievements in difference equations, discrete dynamical systems, and their applications, the real-world problems. |