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Titolo	Difference Equations and Discrete Dynamical Systems with Applications [[electronic resource]] : 24th ICDEA, Dresden, Germany, May 21–25, 2018 / / edited by Martin Bohner, Stefan Siegmund, Roman Šimon Hilscher, Petr Stehlík
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Soggetti	Difference equations Functional equations Dynamics Ergodic theory Applied mathematics Engineering mathematics Computer mathematics Biomathematics Economic theory Difference and Functional Equations Dynamical Systems and Ergodic Theory Applications of Mathematics Computational Mathematics and Numerical Analysis Mathematical and Computational Biology Economic Theory/Quantitative Economics/Mathematical Methods
Lingua di pubblicazione	Inglese
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Note generali	4 Dynamic SIS Model with Vital Dynamics.
Nota di contenuto	Part I: Papers by Plenary Speakers, E. Braverman and B. Karpuz_Linearized oscillation theory for a nonlinear nonautonomous difference equation -- S. Hittmeyer, B. Krauskopf and H. M. Osinga_Generalized Mandelbrot and Julia sets in a family of planar angle-doubling maps -- H. J. Hupkes, L. Morelli, W. M. Schouten-

Straatman, and E. S. Van Vleck, Traveling Waves and Pattern Formation for Spatially Discrete Bistable Reaction-Diffusion Equations? -- Part II: Contributed Papers, Anh, Babiarz, Czornik, Kitzing, Niezabitowski, Siegmund, Trostoff, Tuan_ A Hilbert space approach to fractional difference equations -- A. Babiarz, I. Banskikhova, A. Czornik, E. Makarov, M. Niezabitowski, and S. Popova, Assignability of Lyapunov spectrum for discrete linear time-varying system -- F. Battelli and K. J. Palmer, Strongly Exponentially Separated Linear Difference Equations -- M. Bohner and S. Streipert, An integrable SIS Model on Time Scales -- J. M. Cushing, Equilibrium Stability and the Geometry of Bifurcation Graphs for a Class of Nonlinear Leslie Models -- M. Danilova, A. Kulakova and B. Polyak, Non-monotone Behavior of the Heavy Ball Method -- A. F. Ivanov, Global Asymptotic Stability in a Non-Autonomous Difference Equation -- B. Karpuz, Sharp conditions for oscillation and nonoscillation of neutral difference equations -- Y. Kostrov, Z. Kudlak, and P. Vernon, On the Boundedness Character of a Rational System of Difference Equations with Non-Constant Coefficients -- V. Martsenyuk, A. Klos-Witkowska, and A. Sverstiuk, Stability Investigation of Biosensor Model based on Finite Lattice Difference Equations -- Z. Pospsil, Discrete Reaction-Dispersion Equation -- P. Rehak, A note on transformations of independent variable in second order dynamic equations -- P. Tomasek, Stability and instability regions for a three term difference equation.

Sommario/riassunto

This book presents the proceedings of the 24th International Conference on Difference Equations and Applications, which was held at the Technical University in Dresden, Germany, in May 2018, under the auspices of the International Society of Difference Equations (ISDE). The conference brought together leading researchers working in the respective fields to discuss the latest developments, and to promote international cooperation on the theory and applications of difference equations. This book appeals to researchers and scientists working in the fields of difference equations and discrete dynamical systems and their applications.

2. Record Nr.	UNICAMPANIAVAN0277835
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