1.	Record Nr.	UNINA9910338254003321
	Titolo	Difference Equations, Discrete Dynamical Systems and Applications : ICDEA 23, Timioara, Romania, July 24-28, 2017 / / edited by Saber Elaydi, Christian Pötzsche, Adina Luminia Sasu
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (VIII, 382 p. 90 illus., 82 illus. in color.)
	Collana	Springer Proceedings in Mathematics & Statistics, , 2194-1017 ; ; 287
	Disciplina	515.625 515.75
	Soggetti	Difference equations Functional equations Dynamical systems Biomathematics Mathematics Discrete mathematics Difference and Functional Equations Dynamical Systems Mathematical and Computational Biology Applications of Mathematics Discrete Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Part I - Papers by Plenary Speakers: Stephen Baigent, Carrying Simplices for Competitive Maps -- Hongyong Cui and Peter E. Kloeden, Comparison of Attractors of Asymptotically Equivalent Difference Equations -- Saber Elaydi, Global Dynamics of Discrete Dynamical Systems and Difference Equations -- Laura Gardini and Iryna Sushko, Bifurcations in Smooth and Piecewise Smooth Noninvertible Maps -- Armengol Gasull, Difference Equations Everywhere: Some Motivating Examples -- Part II - Contributed Papers: Ricardo Baccas, Cónall Kelly and Alexandra Rodkina, On Cubic Difference Equations with Variable

Coefficients and Fading Stochastic Perturbations -- Larisa Elena Biri, Traian Ceauu and Claudia Luminia Mihi, On Uniform Exponential Splitting of Variational Nonautonomous Difference Equations in Banach Spaces -- George Bitsoris, Sorin Olaru and Marina Vassilaki, The Linear Constrained Control Problem for Discrete-Time Systems: Regulation on the Boundaries -- Beniamin Bogosel, Discrete Version of an Optimal Partitioning Problem -- Violeta Crai and Mirela Aldescu, On (h, k) - Dichotomy of Linear Discrete-Time Systems in Banach Spaces -- Yoshihiro Hamaya, Existence and Stability Properties of Almost Periodic Solutions in Discrete Almost Periodic Systems -- Konrad Kitzing, Rainer Picard, Stefan Siegmund, Sascha Trostorff and Marcus Waurick, A Hilbert Space Approach to Difference Equations -- Vlajko L. Kocic, Global Behavior of Some Nonautonomous Delay Difference Equations -- Maria Mlin, Ionel Rovena and Mihai Tudor, The Convergence of a Sequence of Iterated Polygons: A Discrete Combinatorial Analysis -- Mihail Megan, Claudia Luminia Mihi and Raluca Lolea, On Splitting with Different Growth Rates for Linear Discrete-Time Systems in Banach Spaces -- Youssef N. Raffoul, Lyapunov Functionals and Stability in Finite Delays Difference Equations.

Sommario/riassunto	The book presents the proceedings of the 23rd International Conference on Difference Equations and Applications, ICDEA 2017, held at the West University of Timioara, Romania, under the auspices of the International Society of Difference Equations (ISDE), July 24 - 28, 2017. It includes new and significant contributions in the field of difference equations, discrete dynamical systems and their applications in various sciences. Disseminating recent studies and related results and promoting advances, the book appeals to PhD students, researchers, educators and practitioners in the field.