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Nota di contenuto	Three Lessons on the Painlevé Property and the Painlevé Equations (M. D. Kruskal, B. Grammaticos, T. Tamizhmani) -- Sato Theory and Transformation Groups. A Unified Approach to Integrable Systems (R. Willox, J. Satsuma) -- Special Solutions of Discrete Integrable Systems (Y. Ohta) -- Discrete Differential Geometry. Integrability as Consistency (A.I. Bobenko) -- Discrete Lagrangian Models (Yu.B. Suris) -- Symmetries of Discrete Systems (P. Winternitz) -- Discrete Painlevé Equations: A Review (B. Grammaticos, A. Ramani) -- Special Solutions for Discrete Painlevé Equations (K.M. Tamizhmani, T. Tamizhmani, B. Grammaticos, A. Ramani) -- Ultradiscrete Systems (Cellular Automata) (T. Tokihiro) -- Time in Science: Reversibility vs. Irreversibility (Y. Pomeau).
Sommario/riassunto	This volume consists of a set of ten lectures conceived as both introduction and up-to-date survey on discrete integrable systems. It constitutes a companion book to "Integrability of Nonlinear Systems"

(Springer-Verlag, 2004, LNP 638, ISBN 3-540-20630-2). Both volumes address primarily graduate students and nonspecialist researchers but will also benefit lecturers looking for suitable material for advanced courses and researchers interested in specific topics.