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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Eigenconfigurations of tensors / Hirotachi Abo, Anna Seigal and Bernd Sturmfels -- Sum of squares basis pursuit with linear and second order cone programming / Amir Ali Ahmadi and Georgina Hall -- Helly's theorem: New variations and applications / Nina Amenta, Jesaus A. De Loera and Pablo Soberon -- Representation theory of the symmetric group in voting theory and game theory / Karl-Dieter Crisman and Michael E. Orrison -- Modeling the distribution of distance data in Euclidean space / Ruth Davidson, Joseph Rusinko, Zoe Vernon and Jing Xi -- Geometric combinatorics and computational molecular biology: Branching polytopes for RNA sequences / Elizabeth Drellich, Andrew Gainer-Dewar, Heather A. Harrington, Qijun He, Christine Heitsch and Svetlana Poznanovic -- Polyhedral approaches to learning Bayesian networks / David Haws, James Cussens and Milan Studeny -- Neural network coding of natural images with applications to pure mathematics / Christopher J. Hillar and Sarah E. Marzen -- Proving Tucker's Lemma with a volume argument / Beattie Kuture, Oscar Leong, Christopher Loa, Mutiara Sondjaja and Francis Edward Su -- Factorization invariants in numerical monoids / Christopher O'Neill and Roberto Pelayo -- A survey of discrete methods in (algebraic) statistics

