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Note generali	"Joint AMS-EMS-SPM Meeting, Algebra and Computer Science, June 10-13, 2015, Porto, Portugal." "Joint Mathematics Meeting, Groups, Algorithms, and Cryptography, January 10-13, 2015, San Antonio, TX." "Joint AMS-Israel Mathematical Union Meeting, Applications of Algebra to Cryptography, June 16-19, 2014, Tel-Aviv, Israel."
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Generic properties of subgroups of free groups and finite presentations / Frederique Bassino, Cyril Nicaud, and Pascal Weil -- A new multi-server scheme for private information retrieval / Chi Sing Chum and Xiaowen Zhang -- On secret sharing protocols / Chi Sing Chum [and 4 others] -- A verifiable secret sharing scheme using non-abelian groups / Maggie E. Habeeer -- Non-associative public-key cryptography / Arkadiusz Kalka -- Non-associative key establishment protocols and their implementation / Arkadiusz Kalka and Mina Teicher -- Knapsack and subset sum problems in nilpoint, polycyclic, and co-context-free groups / Daniel König, Markus Lohrey, and George Zetsche -- On the Tits alternative for a class of finitely presented groups with a special

focus on symbolic computations / Anja I.S. Moldenhauer, Gerhard Rosenberger, and Kristina Rosenthal -- Geometry of the conjugacy problem in lamplighter groups / Andrew Sale -- A logspace solution to the word and conjugacy problem of generalized Baumslag-Solitar groups / Armin Weiss -- Cryptographic hash functions from sequences of lifted Paley graphs / Serena Yuan.
