1. Record Nr. UNINA9910136328003321

Titolo	Chromatin Remodelling / / edited by Danuta Radzioch
Pubbl/distr/stampa	Rijeka, Croatia : , : InTech, , 2013
ISBN	953-51-5367-6 953-51-1087-X
Descrizione fisica	1 online resource (236 pages) : illustrations some color
Disciplina	574.8732
Soggetti	Chromatin
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNISA996465753403316

Autore	Goldreich Oded
Titolo	Studies in Complexity and Cryptography [[electronic resource]] : Miscellanea on the Interplay between Randomness and Computation / / by Oded Goldreich
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2011
ISBN	3-642-22670-1
Edizione	[1st ed. 2011.]
Descrizione fisica	1 online resource (XI, 563 p. 9 illus., 1 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6650
Altri autori (Persone)	AvigadLidor
Disciplina	511.3/52
Soggetti	Computer science Cryptography Data encryption (Computer science) Machine theory Computer science—Mathematics Discrete mathematics Algorithms Theory of Computation Cryptology Formal Languages and Automata Theory Discrete Mathematics in Computer Science

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Research Contributions -- Finding the Shortest Move-Sequence in the Graph-Generalized 15-Puzzle Is NP-Hard.- Proving Computational Ability -- On Constructing 1-1 One-Way Functions -- On the Circuit Complexity of Perfect Hashing.- Collision-Free Hashing from Lattice Problems.- Another Proof That BPP PH (and More) -- Strong Proofs of Knowledge -- Simplified Derandomization of BPP Using a Hitting Set Generator.- On Testing Expansion in Bounded-Degree Graphs. - Candidate One-Way Functions Based on Expander Graphs.- Using the FGLSS-Reduction to Prove Inapproximability Results for Minimum Vertex Cover in Hypergraphs.- The GGM Construction Does NOT Yield Correlation Intractable Function Ensembles.- From Logarithmic Advice to Single-Bit Advice.- On Probabilistic versus Deterministic Provers in the Definition of Proofs of Knowledge.- On the Average-Case Complexity of Property Testing.- A Candidate Counterexample to the Easy Cylinders Conjecture.- From Absolute Distinguishability to Positive Distinguishability.- Testing Graph Blow-Up.- Proximity Oblivious Testing and the Role of Invariances.- In a World of P=BPP.- Surveys -- Notes on Levin's Theory of Average-Case Complexity.- Three XOR-Lemmas — An Exposition.- On Yao's XOR-Lemma.- A Sample of Samplers: A Computational Perspective on Sampling.- Short Locally Testable Codes and Proofs.- Bravely, Moderately: A Common Theme in Four Recent Works.- On the Complexity of Computational Problems Regarding Distributions.- Basing Non-Interactive Zero-Knowledge on (Enhanced) Trapdoor Permutations: The State of the Art.- Average Case Complexity, Revisited.- Basic Facts about Expander Graphs.- A Brief Introduction to Property Testing.- Introduction to Testing Graph Properties.- Randomness and Computation.- Programmatic and Reflective Articles -- On Security Preserving Reductions – Revised Terminology.- Contemplations on Testing Graph Properties.- Another Motivation for Reducing the Randomness Complexity of Algorithms. - About the Authors. .
Sommario/riassunto	This book presents a collection of 36 pieces of scientific work in the areas of complexity theory and foundations of cryptography: 20 research contributions, 13 survey articles, and 3 programmatic and reflective viewpoint statements. These so far formally unpublished pieces were written by Oded Goldreich, some in collaboration with other scientists. The articles included in this book essentially reflect the topical scope of the scientific career of Oded Goldreich now spanning three decades. In particular the topics dealt with include average-case complexity, complexity of approximation, derandomization, expander graphs, hashing functions, locally testable codes, machines that take advice, NP-completeness, one-way functions, probabilistically checkable proofs, proofs of knowledge, property testing, pseudorandomness, randomness extractors, sampling, trapdoor permutations, zero-knowledge, and non-iterative zero-knowledge. All in all, this potpourri of studies in complexity and cryptography constitutes a most valuable contribution to the field of theoretical computer science centered around the personal achievements and views of one of its outstanding representatives.