1. Record Nr. UNISA996466126403316

Titolo	Theoretical Computer Science [[electronic resource]] : Essays in Memory of Shimon Even / / edited by Oded Goldreich, Arnold L. Rosenberg, Alan L. Selman
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-32881-5
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XII, 399 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3895
Disciplina	004.0151
Soggetti	Computer science Algorithms Computer science—Mathematics Discrete mathematics Numerical analysis Computer networks Data structures (Computer science) Information theory Theory of Computation Discrete Mathematics in Computer Science Numerical Analysis Computer Communication Networks Data Structures and Information Theory
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 and index.
Nota di contenuto	The Reduced Automata Technique for Graph Exploration Space Lower Bounds -- Concurrent Zero-Knowledge with Timing, Revisited -- Fair Bandwidth Allocation Without Per-Flow State -- Optimal Flow Distribution Among Multiple Channels with Unknown Capacities -- Parceling the Butterfly and the Batcher Sorting Network -- An Application Intersection Marketing Ontology -- How to Leak a Secret: Theory and Applications of Ring Signatures -- A New Related Message Attack on RSA -- A Tale of Two Methods -- Dinitz' Algorithm: The

Original Version and Even's Version -- Survey of Disjoint NP-pairs and Relations to Propositional Proof Systems -- On Promise Problems: A Survey -- A Pebble Game for Internet-Based Computing -- On Teaching Fast Adder Designs: Revisiting Ladner & Fischer -- On Teaching the Basics of Complexity Theory -- State.

Sommario/riassunto

On May 1, 2004, the world of theoretical computer science su?ered a stunning loss: Shimon Even passed away. Few computer scientists have had as long, s- tained, and in?uential a career as Shimon. Shimon Even was born in Tel-Aviv in 1935. He received a B.Sc. in Elect- cal Engineering from the Technion in 1959, an M.A. in Mathematics from the University of Northern Carolina in 1961, and a Ph.D. in Applied Mathematics from Harvard University in 1963. He held positions at the Technion (1964–67 and 1974–2003), Harvard University (1967–69), the Weizmann Institute (1969– 74), and the Tel-Aviv Academic College (2003-04). He visited many universities and research institutes, including Bell Laboratories, Boston University, Cornell, Duke, Lucent Technologies, MIT, Paderborn, Stanford, UC-Berkeley, USC and UT-Dallas. Shimon Even played a major role in establishing computer science education in Israel and led the development of academic programs in two major insti- tions: the Weizmann Institute and the Technion. In 1969 he established at the Weizmann the ?rst computer science education program in Israel, and led this program for ?ve years. In 1974 he joined the newly formed computer science department at the Technion and shaped its academic development for several decades. These two academic programs turned out to have a lasting impact on the evolution of computer science in Israel.