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polymorphic methods in Java-like languages / D. Ancona, G. Lagorio and E. Zucca. Sorting streamed multisets / T. Gagie. An analysis of a simple algorithm for random derangements / D. Merlini, R. Sprugnoli, and M. C. Verri. The measure hypothesis and efficiency of polynomial time approximation schemes / M. Hauptmann. Dichotomy results for fixed point counting in boolean dynamical systems / S. Kosub and C. M. Homan. Definable sets in weak Presburger arithmetic / C. Hoffrutt and A. Frigeri. On definite proofs of knowledge in the bare public-key model / G. Di Crescenzo and I. Visconti.

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Sommario/riassunto

"Many researchers from different countries converged at the 10th Italian Conference on Theoretical Computer Science (ICTCS 2007) to discuss recent developments in theoretical computer science. The volume contains all contributed papers selected for presentation with the invited lectures delivered. The subjects of this book range from logical and mathematical aspects of computing, design and analysis of algorithms, to semantics of programming languages."

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