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Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Invited Talks -- Degrees of Transducibility -- Equality Testing of Compressed Strings -- On the Contribution of WORDS to the Field of Combinatorics on Words -- Codes and Automata in Minimal Sets -- Decidability of Abelian-Power-Freeness and Generalizations -- Thue-Morse Along Two Polynomial Subsequences -- Contents -- Degrees of Transducibility -- 1 Introduction -- 2 Preliminaries -- 2.1 Finite State Transducers and Mealy Machines -- 2.2 Degrees of Transducibility -- 3 Comparison -- 4 Atoms and Polynomials -- 5 A Plethora of Questions -- References -- Equality Testing of Compressed Strings -- 1 Introduction -- 2 Straight-Line Programs -- 3 Sequential Algorithms --

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Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Conference on Combinatorics on Words, WORDS 2015, held in Kiel, Germany, in September 2015 under the auspices of the EATCS. The 14 revised full papers presented were carefully reviewed and selected from 22 submissions. The main object in the contributions are words, finite or infinite sequences of symbols over a finite alphabet. The papers reflect both theoretical contributions related to combinatorial, algebraic, and algorithmic aspects of words, as well as to contributions presenting applications of the theory of words in other field of computer science, linguistics, biology, bioinformatics, or physics.
