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	Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13899
	Altri autori (Persone)	MercaRobert
	Disciplina	511.6
	Soggetti	Machine theory
		Computer networks
		Algorithms
		Natural language processing (Computer science)
		Computer science—Mathematics
		Discrete mathematics
		Formal Languages and Automata Theory
		Computer Communication Networks
		Natural Language Processing (NLP)
		Discrete Mathematics in Computer Science
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Invited Papers: Minimal Complexities for Infinite Words Written with d Letters -- Alternate Base Numeration Systems -- On the number of distinct squares in finite sequences: some old and new results. Contributed Papers: Ranking and Unranking k-Subsequence Universal Words -- Longest common subsequence with gap constraints -- On Substitutions Preserving their Return Sets -- Recurrence and frequencies -- Sturmian and infinitely desubstitutable words accepted by an -automaton -- String attractors for factors of the Thue-Morse word -- Critical exponent of Arnoux-Rauzy sequences -- On a class of 2-balanced sequences -- Order conditions for languages -- On Sensitivity of Compact Directed Acyclic Word Graphs -- Smallest and Largest Block Palindrome Factorizations -- String attractors of fixed

points of k-bonacci-like morphisms -- Magic Numbers in Periodic Sequences -- Dyck Words, Pattern Avoidance, and Automatic Sequences -- Rudin-Shapiro Sums Via Automata Theory and Logic -- Automaticity and Parikh-collinear morphisms -- On the solution sets of entire systems of word equations -- On arch factorization and subword universality for words and compressed words -- Characteristic sequences of the sets of sums of squares as columns of cellular automata.

Sommario/riassunto	This book constitutes the refereed proceedings of the 14th International Conference on Combinatorics on Words, WORDS 2023, held in Umeå, Sweden, during June 12–16, 2023. The 19 contributed papers presented in this book were carefully reviewed and selected from 28 submissions. In addition, the volume also contains 3 invited papers. WORDS is the main conference series devoted to combinatorics on words. This area is connected to several topics from computer science and mathematics, including string algorithms, automated proofs, discrete dynamics, number theory and, of course, classical combinatorics.