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Nota di contenuto	The Alphabetic Complexity in Homomorphic Definitions of Word, Tree and Picture Languages -- Ranking Binary Unlabelled Necklaces in Polynomial Time -- On the Power of Recursive Word-Functions without Concatenation -- Clusters of Repetition Roots Forming Prefix Chains -- Nearly k-Universal Words - Investigating a Part of Simon's Congruence -- State Complexity of Binary Coded Regular Languages -- Reset Complexity and Completely Reachable Automata with Simple Idempotents -- On the Descriptive Complexity of the Direct Product of Finite Automata -- Operations on Subregular Languages and Nondeterministic State Complexity -- On Simon's Congruence Closure of a String -- Approximate NFA Universality Motivated by Information Theory -- Lazy Regular Sensing -- State Complexity of Finite Partial Languages -- Yet Another Canonical Nondeterministic Automaton --

Union-Complexities of Kleene Plus Operation.

Sommario/riassunto

This book constitutes the proceedings of the 24th International Conference on Descriptive Complexity of Formal Systems, DCFS 2022, which was supposed to take place in Debrecen, Hungary in August 2022. The 14 full papers presented in this volume were carefully reviewed and selected from 17 submissions. The book also contains 4 invited talks. The conference focus to all aspects of descriptive complexity including Automata, grammars, languages, and other formal systems; various modes of operations and complexity measures.