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     Nota di contenuto   Transducers and the Power of Delay -- When the Map is More Exact
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                            Mismatch Distance -- Set Augmented Finite Automata over Infinite
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catastrophes for the Burrows-Wheeler Transform -- The Domino problem is undecidable on every rhombus subshift -- Synchronization of Parikh Automata -- Completely Distinguishable Automata and the Set of Synchronizing Words -- Zielonka DAG Acceptance and Regular Languages over Infinite Words -- On Word Representable and Multi-Word Representable Graphs -- On the Simon's Congruence Neighborhood of Languages -- Tree-Walking-Storage Automata -- Rewriting rules for arithmetics in alternate base systems -- Synchronizing Automata with Coinciding Cycles -- Approaching Repetition Thresholds Via Local Resampling and Entropy Compression -- Languages Generated by Conjunctive Query Fragments of FC[REG] -- Groups whose word problems are accepted by abelian G-automata.

Sommario/riassunto	This book constitutes the refereed proceedings of the 27th International Conference on Developments in Language Theory, DLT 2023, held in Umeå, Sweden, during June 12–16, 2023. The 20 full papers included in this book were carefully reviewed and selected from 32 submissions (31 regular ones and one invited).The DLT conference series provides a forum for presenting current developments informal languages and automata. Its scope is very general and includes, among others, the following topics and areas: grammars, acceptors and transducers for words; trees and graphs; relations between formal languages and artificial neural networks; algebraic theories of automata; algorithmic, combinatorial, and algebraic properties of words and languages; variable length codes; symbolic dynamics; cellular automata; groups and semigroups generated by automata; polyominoes and multidimensional patterns; decidability questions; image manipulation and compression; efficient text algorithms; relationships to cryptography, concurrency, complexity theory, and logic; bio-inspired computing; and quantum computing.