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Soggetti	Computer science Machine theory Algorithms Computer science—Mathematics Discrete mathematics Natural language processing (Computer science) Theory of Computation Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Discrete Mathematics in Computer Science Natural Language Processing (NLP)
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Note generali	Includes index.
Nota di contenuto	Formal languages and automata -- Combinatorial and algebraic properties of words and languages -- Grammars, acceptors and transducers for strings, trees, graphs, arrays; algebraic theories for automata and languages -- Codes; efficient text algorithms -- Symbolic dynamics; decision problems -- Relationships to complexity theory and logic; picture description and analysis -- Polyominoes and bidimensional patterns; cryptography; concurrency -- Cellular automata; bio-inspired computing; quantum computing.
Sommario/riassunto	This book constitutes the proceedings of the 20th International Conference on Developments in Language Theory, DLT 2016, held in

Montreal, QC, Canada, in July 2016. The 32 full papers and 4 abstracts of invited papers presented were carefully reviewed and selected from 48 submissions. This volume presents current developments in formal languages and automata, especially from the following topics and areas: combinatorial and algebraic properties of words and languages; grammars, acceptors and transducers for strings, trees, graphs, arrays; algebraic theories for automata and languages; codes; efficient text algorithms; symbolic dynamics; decision problems; relationships to complexity theory and logic; picture description and analysis; polyominoes and bidimensional patterns; cryptography; concurrency; cellular automata; bio-inspired computing; quantum computing.
