



## Language and Automata Theory and Applications: Second International Conference, LATA 2008, Tarragona, Spain, March 13-19, 2008 Revised Papers

By -

Springer. Paperback. Book Condition: New. Paperback. 500 pages. Dimensions: 9.2in. x 6.1in. x 1.2in. These proceedings contain most of the papers that were presented at the Second International Conference on Language and Automata Theory and Applications (LATA 2008), held in Tarragona, Spain, during March 13-19, 2008. The scope of LATA is rather broad, including: words, languages and automata; grammars (Chomsky hierarchy, contextual, multidimensional, union, categorial, etc.); grammars and automata architectures; extended automata; combinatorics; words; language varieties and semigroups; algebraic language theory; computability; computational, descriptive, and parameterized complexity; decidability questions on words and languages; patterns and codes; symbolic dynamics; regulated rewriting; trees, tree languages and tree machine rewriting; graphs and graph transformation; power series; fuzzy and rough languages; cellular automata; DNA and other models of bio-inspired computing; quantum, chemical and optical computing; biomolecular nanotechnology; automata and logic; algorithms on automata and words; automata for system analysis and program verification; automata, concurrent and Petri nets; parsing; weighted machines; transducers; foundations of finite state technology; grammatical inference and algorithmic learning; text retrieval, pattern matching and pattern recognition; text algorithms; string combinatorial issues in computational biology and bioinformatics; mathematical evolutionary genomics; language-based cryptography; data and image compression; circuits and works; language-theoretic foundations of artificial intelligence and artificial digital libraries; and document engineering....

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