Record Nr. UNISA996465641203316 Language and Automata Theory and Applications [[electronic resource] **Titolo** 1: 5th International Conference, LATA 2011, Tarragona, Spain, May 26-31, 2011 / / edited by Adrian-Horia Dediu, Carlos Martín-Vide, Shunsuke Inenaga Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, 2011 **ISBN** 3-642-21254-9 Edizione [1st ed. 2011.] Descrizione fisica 1 online resource (XIII, 512 p. 115 illus., 33 illus. in color.) Theoretical Computer Science and General Issues, , 2512-2029;; 6638 Collana Disciplina 004.0151 Soggetti Computer science Machine theory **Algorithms** Artificial intelligence Information technology—Management Social sciences—Data processing Theory of Computation Formal Languages and Automata Theory Artificial Intelligence Computer Application in Administrative Data Processing Computer Application in Social and Behavioral Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Sommario/riassunto This book constitutes the refereed proceedings of the 5th International Conference on Language and Automata Theory and Applications, LATA 2011, held in Tarragona, Spain in May 2011. The 36 revised full papers presented together with four invited articles were carefully selected from 91 submissions. Among the topics covered are algebraic language theory, automata and logic, systems analysis, systems verifications, computational complexity, decidability, unification, graph

transformations, language-based cryptography, and applications in

data mining, computational learning, and pattern recognition.