Record Nr. UNISA996465682603316 Language and Automata Theory and Applications [[electronic resource] **Titolo** 1: 6th International Conference, LATA 2012, A Coruña, Spain, March 5-9, 2012, Proceedings / / edited by Adrian-Horia Dediu, Carlos Martín-Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, 2012 **ISBN** 3-642-28332-2 Edizione [1st ed. 2012.] Descrizione fisica 1 online resource (XII, 556 p. 64 illus.) Theoretical Computer Science and General Issues, , 2512-2029;; 7183 Collana Disciplina 004.0151 Soggetti Computer science Machine theory **Algorithms** Artificial intelligence Social sciences—Data processing Theory of Computation Formal Languages and Automata Theory Artificial Intelligence Computer Science Logic and Foundations of Programming Computer Application in Social and Behavioral Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali International conference proceedings. Nota di bibliografia Includes bibliographical references and author index. Sommario/riassunto This book constitutes the refereed proceedings of the 6th International Conference on Language and Automata Theory and Applications, LATA 2012, held in A Coruña, Spain in March 2012. The 41 revised full papers presented together with 3 invited talks and 2 invited tutorials were carefully reviewed and selected from 114 initial submissions. The volume features contributions from both classical theory fields and application areas; e.g. innformatics, systems biology, language technology, artificial intelligence, etc. 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.