1. Record Nr. UNINA9910790059703321 Issues in mathematical linguistics [[electronic resource]]: Workshop on **Titolo** Mathematical Linguistics, State College, Pa., April 1998 / / edited by Carlos Martin-Vide Amsterdam; ; Philadelphia, : John Benjamins Pub. Co., c1999 Pubbl/distr/stampa **ISBN** 1-283-12176-X 9786613121769 90-272-8472-5 Descrizione fisica 1 online resource (226 p.) Studies in functional and structural linguistics, , 0165-7712;; v. 47 Collana Altri autori (Persone) Martin VideCarlos Disciplina 410/.1/51 Soggetti Mathematical linguistics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and indexes. Nota di bibliografia Nota di contenuto ISSUES IN MATHEMATICAL LINGUISTICS; Editorial page; Title page; Copyright page; Foreword; Table of contents; List of Contributors; Commands as Binary Relations; Generalized Minimalist Grammars; An Infinite Hierarchy of Mildly Context-Sensitive Families of Languages: Some Uses and Abuses of Mathematics in Linguistics; Logical Splicing in Natural Languages: X-Families: An Approach to the Study of Families of Syntactically Similar Languages; Overparsing; Computational Complexity in Language Models; Grammar Efficiency and the Historical Development of Word Order in French: Author Index Subject Index This brief collection of refereed papers approaches several technical as Sommario/riassunto well as methodological aspects of the mathematical formalization of natural language, particularly in syntax and in semantics. Such kind of investigation is a prerequisite for the computational processing of language and is narrowly related to current developments in other disciplines, namely theoretical computer science and mathematical logic. The volume offers a coherent picture of recent research on the mathematics of language, and may be of interest to a wide audience, from linguists to mathematicians. Detailed indexe