

1. Record Nr.	UNINA9910963571903321
Titolo	Issues in mathematical linguistics : Workshop on Mathematical Linguistics, State College, Pa., April 1998 / / edited by Carlos Martin-Vide
Pubbl/distr/stampa	Amsterdam ; ; Philadelphia, : John Benjamins Pub. Co., c1999
ISBN	1-283-12176-X 9786613121769 90-272-8472-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (226 p.)
Collana	Studies in functional and structural linguistics, , 0165-7712 ; ; v. 47
Altri autori (Persone)	Martin VideCarlos
Disciplina	410/.1/51
Soggetti	Mathematical linguistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
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
Sommario/riassunto	This brief collection of refereed papers approaches several technical as 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 index

