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Autore	Meduna Alexander <1957->
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Nota di contenuto	Grammars with Context Conditions and Their Applications; Contents; Preface; Acknowledgments; 1 Introduction; 2 Preliminaries and Definitions; 2.1 Basic Definitions; 2.2 Grammars; 3 Conditions Placed on Derivation Domains; 3.1 Sequential Grammars over Word Monoids; 3.2 Parallel Grammars over Word Monoids; 4 Conditions Placed on the Use of Productions; 4.1 Sequential Conditional Grammars; 4.1.1 Context-Conditional Grammars; 4.1.2 Random-Context Grammars; 4.1.3 Generalized Forbidding Grammars; 4.1.4 Semi-conditional Grammars; 4.1.5 Simple Semi-conditional Grammars 4.2 Parallel Conditional Grammars 4.2.1 Context-Conditional ETOL Grammars; 4.2.2 Forbidding ETOL Grammars; 4.2.3 Simple Semi-conditional ETOL Grammars; 4.3 Global Context Conditional Grammars; 5 Conditions Placed on the Neighborhood of Rewritten Symbols; 5.1 Continuous Context; 5.1.1 Sequential Uniform Rewriting; 5.1.2 Parallel Uniform Rewriting; 5.2 Scattered Context; 5.2.1 Scattered Context

Grammars and Their Reduction; 5.2.2 Semi-parallel Uniform Rewriting;  
6 Grammatical Transformations and Derivation Simulations; 6.1  
Derivation Simulation; 6.2 Grammatical Simulation  
6.3 Simulation of  $E(0, 1)$  L Grammars  
7 Applications and Implementation;  
7.1 Applications; 7.2 Implementation; 8 Concluding and Bibliographical  
Notes; Bibliography; Denotations of Language Families; Subject Index

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Sommario/riassunto

The essential guide to grammars with context conditions  
This advanced computer science book systematically and compactly summarizes the current knowledge about grammars with context conditions-an important area of formal language theory. According to the types of context conditions, this self-contained reference classifies them into grammars with context conditions placed on the domains of grammatical derivations, the use of grammatical productions, and the neighborhood of the rewritten symbols. The focus is on grammatical generative power, important properties, simplification, reductio

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