

Contents

8.2	Scattered Context Grammars and Their Reduction	41
8.1	Scattered Context	41
8	Semi-Parallel Grammars	41
<hr/>		
9	Parallel Grammars	61
9.3	Simple Semi-conditional ETOL Grammars	63
9.2	Forbidden ETOL Grammars	68
9.1	Context-Conditional ETOL Grammars	61
10	Derivation Similarity of Grammars	103
10.4	Simulation of Scattered Context Grammars	104
10.3	Simulation of Scattered Context Grammars	108
10.2	Grammatical Simulation	108
10.1	Derivation Simulation	103
III	Abstract	103
V	Acknowledgements	103
VII	Preface	103
1	4 Introduction	103
5	5 Preliminaries	103
11	6 Definitions	103
11	6.1 Grammars for Sequential Regulated Rewriting	103
11	6.1.1 Matrix Grammars	103
14	6.1.2 Conditional Grammars	103
18	6.2 Grammars for Parallel Regulated Rewriting	103
18	6.2.1 Scattered Context Grammars	103
19	6.2.2 EOL and ETOL Grammars	103
20	6.2.3 Grammar Systems	103
21	6.3 Grammars	103
27	7 Sequential Grammars	103
27	7.1 Introduction	103
28	7.2 Matrix Simple-Semi-Conditional Grammars	103
28	7.2.1 Definitions	103
29	7.2.2 Matrix Simple-Semi-Conditional Grammars of Degree 3	103
32	7.2.3 Matrix Simple-Semi-Conditional Grammars of Degree 2	103
36	7.3 Simple-Semi-Conditional Matrix Grammars	103
36	7.3.1 Definitions	103
37	7.3.2 Simple-Semi-Conditional Matrix Grammars of Degree 3	103
40	7.4 Summary	103

8	Semi-Parallel Grammars	41
8.1	Scattered Context	41
8.2	Scattered Context Grammars and Their Reduction	41
8.3	Semi-parallel Uniform Rewriting.....	54
9	Parallel Grammars	61
9.1	Context-Conditional ETOL Grammars	61
9.2	Forbidding ETOL Grammars	68
9.3	Simple Semi-conditional ETOL Grammars	88
10	Derivation Similarity of Grammars	103
10.1	Derivation Simulation	103
10.2	Grammatical Simulation	108
10.3	Simulation of Scattered Context Grammars	109
10.4	Derivation simulation of Scattered Context Grammars	113
10.5	Simulation of Phrase-Structured Grammars	115
10.6	Derivation simulation of Phrase-Structured Grammars	120
11	Conclusion	123
11.1	Bibliography	123
11.2	Applications	124
11.3	Theoretical Investigation	126
References		129
Index		137