

Contents

<i>Preface</i>	<i>page</i>	<i>x</i>
1 INTRODUCTION		1
2 THE SYNTAX AND SEMANTICS OF ENGLISH NUMERALS		19
2.1 The phrase structure rules		19
2.1.1 Terminal vocabulary		19
2.1.2 Recursivity		22
2.2 The interpretive semantic component		28
2.3 The lexicon		36
2.4 The lexical extension component		52
2.5 General constraints on the wellformedness of numerals		64
2.6 Word formation transformations		80
2.7 Overview		87
3 MIXTEC NUMERALS		89
4 FRENCH NUMERALS		99
4.1 A mixed system		99
4.2 Wellformedness constraints		100
4.3 The lexicon and word formation		106
4.4 The lexical extension component		112
5 DANISH NUMERALS		117
5.1 Wellformedness constraints		117
5.2 Some idiosyncratic word formation processes		120
5.3 Inversion and conjunction-insertion		128
5.4 The semantics of subtraction and division		130

6	BIBLICAL WELSH NUMERALS	136
6.1	Subtraction	140
6.2	Wellformedness constraints	142
6.3	Word formation	148
6.4	The lexical extension component	150
6.5	Agreement	152
6.6	Cyclic transformations: Inversion	154
6.7	Insertion of <i>ar</i>	163
6.8	Insertion of <i>onid</i> or <i>namyn</i>	165
6.9	Cyclic transformations: insertion of <i>ac</i>	166
6.10	Categories in derived structure	171
6.11	Distribution	175
6.12	Deletion	189
6.13	Pluralization	192
6.14	Summary of Biblical Welsh transformations	198
7	HAWAIIAN NUMERALS	202
7.1	Phrase structure rules, semantic interpretation, and lexicon	204
7.2	Wellformedness constraints	205
8	YORUBA NUMERALS	211
8.1	The structure of NUMBERS	212
8.2	The structure of PHRASES	219
8.3	The structure of Ms	225
9	SOME FURTHER PROBLEMS	233
9.1	'Correct misinterpretations'	233
9.2	Overcounting	235
9.3	Ainu numerals	239
9.4	Indian Ms	243
9.5	Chinese <i>ling</i>	246
10	SUMMARY: A BASIS FOR TYPOLOGY	247
10.1	Phrase structure rules	247
10.2	Semantic interpretation	248
10.3	Wellformedness constraints	251
10.4	Lexicon	253
10.5	Transformations	255

II	SOME OTHER NUMERAL GRAMMARS	257
II.1	Van Katwijk's functional grammar	257
II.2	Merrifield's tagmemic grammars	262
II.3	Some transformational grammars	268
II.4	Sampson's stratificational grammar	271
II.5	Sanders' generative semantic grammar	278
	BIBLIOGRAPHY	287
	INDEX	291