Contents

Preface		
1	Introduction	1
	1.1 Some historical and methodological backgrounds	1
	1.1.1 The birth of Generative Grammar	1
	1.1.2 The birth of Transformational Generative Grammar	3
	1.1.2.1 Methodological reflections: adequacy and	
	. psychological reality	4
	1.1.2.2 Formal properties of grammars: the	
	Chomsky Hierarchy	6
	1.1.3 The birth of the transformational Cycle	9
	1.1.4 The birth of Generative Semantics	9 12
	1.1.5 Autonomous Syntax and X-bar theory 1.1.6 The demise of Generative Semantics?	14
	1.1.7 Methodological differences with post-1970 Chomsky	16
	-	17
	1.2 Surface semantics and compositionality 1.2.1 The notion of compositionality	18
	1.2.2 No surface semantics	21
	1.2.3 The overall architecture of the theory	22
	1.3 Some general properties of the rule system	23
	1.3.1 The architecture of G	23
	1.3.2 The General Format: VSO or SOV	24
	1.3.3 Thematic functions versus argument functions	25
	1.4 SAs as a way of representing sentence meaning	27
	1.4.1 The overall structure of SAs for European languages	27
	1.4.2 The status of predicate argument structure: the 19th	
	century debate	28
	1.4.3 The general nature of predicate argument structure	32
	1.4.4 The non-universality of SAs and universal meaning	34
	1.4.5 Alternative ways of representing sentence meaning?	36
	1.5 Prelexical syntax and other aspects of lexical meaning	41
2	Some formal properties of grammars, trees and rules	45
	2.1 Introductory	45
	2.2 Nodes, constituents, expansions and areas	45
	2.3 Downgrading of S-nodes	48
	2.4 Argument functions	49
	2.5 Elementary operations	51
	2.6 Some definitions	54
	2.7 Routines	55

2.7 Routines	55
2.7.1 Procedurally induced routines	55
2.7.1.1 Adoption	55
2.7.1.2 Surface category assignment	56
2.7.1.3 Tree pruning	56
2.7.1.4 Downgrading	57 - 2
2.7.2 Structurally induced routines	58 50
2.7.2.1 Ιτ	58 50
2.7.2.2 Dative extraction	59 60
2.7.2.3 MINCE	60
2.7.3 Category-induced routines	61 61
2.7.3.1 AFFIX HANDLING	62
2.7.3.2 COPULA INSERTION	62
2.7.4.1 Cyclic lexically induced routines	63
2.7.4.1 Cyclic SUBJECT RAISING and PREDICATE RAISING	66
2.7.4.2 Cyclic LOWERING 2.7.4.2.1 The TENSE ROUTINE: from VSO to NP-/S	67
2.7.4.2.1 THE TENSE ROUTINE. HOLD VSC to TVI -75	68
2.7.4.4 Cyclic incorporation	71
2.8 Directionality and spines	72
2.9 The auxiliary system and the complementation system	79
2.10 Aux	80
2.11 The double (treble) tense analysis	84
2.12 The complementation system	87
3 The English auxiliary and complementation system	91
3.1 Some basic machinery	91
3.1.1 The main Formation Rules	92
3.1.2 Some lexicon	93
3.1.3 Cyclic rules	94
3.1.4 Corollaries	95
3.1.5 Some postcyclic rules (to be applied in the order given)	96
3.1.6 How to use the machinery	97
3.1.6.1 Notation	97
3.1.6.2 Passive and external dative	99
3.2 Further preliminary remarks	101
3.2.1 QUESTION FORMATION and FRONTING in English	104
3.3 The generation of a few simple English sentences	106
3.4 Negation, the modals and EMPH	111
3.5 Adverbs, prepositions, and prepositional objects	116
3.6 Internal and external datives	128
3.7 Passives, progressives and other he-sentences	130

vii

	3.7.1 Passives	130
	3.7.2 Progressives and the deletion of being	134
	3.7.3 Other be-sentences: Ø-be DELETION	137
	3.7.3.1 The MAUX-verbs be to and be going to	137
	3.7.3.2 COPULA INSERTION	141
	3.8 Some aspects of complementation	144
	3.8.1 NP-over-S" and bare S"	145
	3.8.2 Helping Jim	149
	3.8.3 Eager and easy to please	153
4	The French auxiliary and complementation system	157
	4.1 Preliminary comparative observations	157
	4.1.1 The French tenses and S"-complementation	158
	4.1.2 The French modals	159
	4.1.3 The MAUX-verbs aller and venir (de)	160
	4.1.4 The Cycle	162
	4.2 Some basic machinery	163
	4.2.1 The main Formation Rules	163
	4.2.2 Some lexicon	163
	4.2.3 Cyclic rules	165
	4.2.4 Corollaries	165
	4.2.5 Some postcyclic rules (to be applied in the order given)	166
	4.3 Some example sentences	166
	4.3.1 Datives, clitics and DATIVE EXTRACTION	166
	4.3.2 A sentence with a high PrepPhrase	183
	4.4 The complementation system: SR, SD, PR	185
	4.4.1 Subject raising and the case of venir (de)	185
	4.4.2 Subject deletion, subject raising and the case of falloir	187
	4.4.3 Predicate raising and the case of faire and laisser	191
	4.5 Negative and other adverbs	203
	4.6 Passive in French	206
	4.7 Clitic en and the Raising-Control analogy	210
5	The Dutch auxiliary and complementation system	219
	5.1 Preliminary comparative observations	219
	5.1.1 The tenses	220
	5.1.2 The modals and futuricity	221
	5.1.3 The modals and rutaricity 5.1.3 The maux-verb vallen (te) and the full verb zijn (te)	221
		223
	5.2 Some basic machinery 5.2.1 The main Formation Rules	223
	5.2.2 Some lexicon	223
	5.2.3 Cyclic rules	225
	oino Cyclic Iulio	

viii CONTENTS

	5.2.4 Corollaries	226
	5.2.5 Some postcyclic rules (to be applied in the order given)	226
	5.2.6 QUESTION FORMATION and FRONTING in Dutch	227
	5.2.7 CLITIC MOVEMENT	230
	5.3 Passive in Dutch	231
	5.4 The complementation system	236
	5.4.1 Predicate raising	237
	5.4.2 Two verbs helpen	245
	5.4.3 Why Dutch complementation has no SUBJECT RAISING	247
	5.5 VERB FINAL and END CLUSTER ARRANGEMENT	250
	5.6 PR on $zijn_1$ and adjectives	255
	5.7 The syntax of adverbs and negation; the Queuing Principle	260
	5.8 Dutch an SOV-language?	266
6	The German auxiliary and complementation system	270
	6.1 Preliminary comparative observations	270
	6.2 Branching directionality in V-clusters: the R-condition	271
	6.3 Some basic machinery	280
	6.3.1 The main Formation Rules	280
	6.3.2 Some lexicon	280
	6.3.3 Cyclic rules	282
	6.3.4 Corollaries	283
	6.3.5 Some postcyclic rules (to be applied in the order given)	283
	6.4 Fronting and Question formation in German	284
	6.5 CLITIC MOVEMENT and the position of the subject	287
	6.6 Counterfactual and subjunctive in the four languages	289
7	Any other business	300
	7.1 Quantification	300
	7.2 Clefting, deep accent and WH-questions	310
	7.2.1 A preliminary exercise in NP-grammar	310
	7.2.2 Clefting, pseudoclefting and deep accent	315
	7.2.3 Specific or WH-questions	32:
	7.3 Conjunction reduction	323
	7.4 Subordinate clauses and prepositional participial clauses	338
	7.5 Deeper Semantic Analysis (DSA)	34
	7.6 A glance at Turkish	34
	7.6.1 Introductory observations on Turkish	34
	7.6.2 Some main Formation Rules	35
	7.6.3 Some levicon	35

CONTENTS ix

7.6.4 Some postcyclic rules (to be applied in the order given)	354
7.6.5 Some example sentences	355
List of French words	359
List of Dutch words	360
List of German words	362
Bibliography	365
Index	375