## Contents

401	chowleagments	IX
46	breviations and symbols	xii
	PART I THE THEORY	
1	Situating morphology	3
	1.1 What's this book about?	
	1.2 The Parallel Architecture	5
	1.3 The Parallel Architecture's lexicon	3 5 9
	1.4 Morphological structure and morphological schemas	13
	1.5 Morphology in the Parallel Architecture	16
	1.6 Further comparisons between morphosyntax and phrasal syntax	. 19
	1.7 Conclusions	23
2	The functions of schemas	25
	2.1 The tradition: Focus on productive rules	25
	2.2 The generative function of schemas	28
	2.3 Schemas vs. rules	31
	2.4 Problems with rules	32
	2.5 Nonproductive schemas and the relational role	36
	2.6 Productive schemas used in a relational role	38
	2.7 How to distinguish productive from nonproductive schemas	40
	2.8 Do we really need nonproductive schemas?	44
	2.8.1 Nonproductive schemas in the organization of the lexicon	44
	2.8.2 Nonproductive schemas in acquisition	45
	2.9 More on productivity	46
	2.10 An illustrative case: Grammatical gender	50
	2.11 Reframing the goals of linguistic theory: The Relational Hypothesis	52
	2.12 Conclusions	53
3	Motivation in the lexicon	55
	3.1 Lexical relations and motivation	55
	3.2 Motivation as inheritance	56
	3.3 Motivation as impoverished entry inheritance	59
	3.4 Motivation as full entry inheritance	64
	3.4.1 Exemplar theories	64
	3.4.2 Full entry inheritance and redundant storage	65
	3.4.3 How full should a full entry lexicon be?	67
	3.4.4 Morphological problems with full entry inheritance	68
	3.5 Motivation as relational linking	71
	3.6 Do we need relational links?	74
	3.7 The same-except relation	76
	3.8 The "cost" of lexical entries	80
	3.9 Conclusions	82

## PART II USING AND REFINING THE TOOLS

4	Forr	nalizing morphological phenomena	8/		
	4.1	The simplest, most canonical cases	87		
		Morphological complexity without full motivation	90		
		Conversions and other zero morphology	96		
		Digression: Causatives without homophonous inchoatives	99		
		Phonology without corresponding semantics	100		
		One-many and many-one links between morphosyntax and phonology	101		
		Is there linear order in morphosyntax?	103		
		Sister words and sister schemas	105		
	1.0	4.8.1 Sister words	105		
		4.8.2 Sister schemas	107		
		4.8.3 Can all patterns be sister schemas?	109		
	4 0	Patterns that fragment the base: Blends and truncations	111		
	4.7	4.9.1 Blends	111		
		4.9.2 A blend with a derivational suffix	113		
		4.9.3 Truncations	115		
	4 10		118		
		Umlaut and other stem allomorphy; the star notation	120		
	4.11	More fragmentation: Infixation and reduplication 4.11.1 Infixation	120		
			121		
	4 10	4.11.2 Reduplication			
		Summary	124		
	4.13	Appendix: Alternatives in the notation	126		
		4.13.1 Separating interface and relational indices 4.13.2 The treatment of variable instantiation	127		
			128		
		4.13.3 An interface link between aff and semantics?	129		
5	For	malizing inflection	132		
	5.1	What's special about inflection?	132		
		Formalization of inflection vs. derivation	135		
	5.3	The English verb paradigm	140		
		5.3.1 Morphosyntax	140		
		5.3.2 Morphophonology of regular verbs	141		
		5.3.3 Irregular past tenses	144		
		The German verb paradigm	148		
		5.4.1 Defining the paradigm	148		
		5.4.2 The weak paradigm	148		
		5.4.3 Past tense in the German strong paradigm	151		
		5.4.4 A second vowel alternation	153		
		5.4.5 Past participles	154		
		How are verbs stored? How are novel inflectional forms constructed?	157		
		The Same Verb Problem	160		
		The polysemy of morphosyntactic tense	164		
		Summary	166		
6	Morphologically conditioned phonological alternations				
	6.1	Phonology in the Parallel Architecture	168		
		The status of phonetics	170		
		The status of phonotactics	174		
		The phonology-phonetics interface	176		

	CONTENTS	vii
	6.5 A test case: Final devoicing	180
	6.6 English vowel shift: A more clearly phonological phenomenon	184
	6.7 How affixes impose their will on the base	188
	6.8 The microtexture of the lexicon: Blends with derivational affixes	191
	6.8.1 Evidence for blending	191
	6.8.2 Formalizing overlap	194
	6.9 Conclusion	197
	PART III BEYOND MORPHOLOGICAL THEORY	
7	Language processing and language acquisition through the lens of	
	Relational Morphology	201
	7.1 Introduction	201
	7.2 Theory of processing: Basic assumptions	201
	7.2.1 Long-term memory and working memory	202
	7.2.2 Promiscuous processing	203
	7.2.3 The lexicon as a network; spreading activation	205
	7.3 Lexical access	207
	7.3.1 Speed of access	207
	7.3.2 Priming	209
	7.3.3 Competition in working memory	211
	7.3.4 Probabilistic/predictive parsing	212
	7.4 Lookup versus (or alongside) computation	213
	7.5 Schemas in the processing of four kinds of words	214
	7.6 Acquisition of words	218
	7.7 How are relational links acquired?	221
	7.8 Scaling up to schemas	223
	7.8.1 Using Structural Intersection to construct schemas	223
	7.8.2 Establishing the generality of a schema	225
	7.9 Scaling up to productive schemas	228
	7.10 Conclusions	231
8	Applying the tools to other domains	233
	8.1 Nonproductive schemas in syntax	233
	8.1.1 Vulgarities	234
	8.1.2 Predicative clichés: A as an N	235
	8.1.3 Place names again	235
	8.1.4 Unusual determiners: What a discovery!	236
	8.1.5 Sluice-stranding	237
	8.1.6 The NPN construction	237
	8.2 Sister schemas in syntax	239
	8.2.1 Verb-particle alternations	239
	8.2.2 The dative alternation	240
	8.2.3 Alternations with symmetric predicates	243
	8.2.4 Nominals of particle verbs	245
	8.3 Speech register, bilingualism, and dialect	246
	8.3.1 Register	246
	8.3.2 Bilingualism	248
	8 3 3 Dialect	250

## viii CONTENTS

8.4	Orthography	251		
8.5	Generative metrics	257		
8.6	Beyond language: Extension of the RM lexicon to memory in other faculties	264		
	8.6.1 Knowledge of music	265		
	8.6.2 Understanding of physical objects	266		
	8.6.3 Knowledge of geography and spatial layout	267		
	8.6.4 Social knowledge	267		
9 Co	da: What have we done?	270		
9.1	The machinery of Relational Morphology	270		
9.2	Boundary issues	272		
9.3	What can't the theory describe?	274		
9.4	The scope of the theory	276		
Referen	ces	279		
	Index of affixes, words, constructions, and schemas			
101	Index of subjects and authors			