Contents

List of figures		page x	
List of tables Preface and acknowledgements			
			Key to
1	Introduction	1	
1.1	Rules and representations in linguistic theory	1	
1.2	Rules and representations in phonological theory	2	
1.3	Imperative, declarative and interrogative approaches to		
	grammar	7	
1.4	Linguistic representations and cognitive representations	11	
1.5	Notation	12	
1.6	Overview	15	
2	Segmental representations and their phonetic interpretation	18	
2.1	Introduction	18	
2.2	Historical context of phonetic notations	19	
2.3	Segmental phonetic notation	21	
2.4	Notation and denotation	22	
2.5	The syntax of IPA transcriptions	26	
2.6	The semantics of IPA transcriptions	29	
2.7	Another example: Sweet's Organic Alphabet	38	
2.8	Feature-matrix representation	39	
2.9	Segmentation and temporal overlap	41	
2.10	Superweak segmental interpretation	43	
2.11	Conclusion	45	
3	Segmental and transformational phonology	46	
3.1	Introduction	46	
3.2	Historical context	47	

vii

viii	List	of	contents
------	------	----	----------

3.3	Phonemic phonology	48
3.4	Transformational-generative phonology	66
3.5	The excessive power of transformational grammars	77
3.6	Phrase-markers and representations of derivations	92
3.7	Conclusion	108
4	Non-linear phonological representations in contemporary	
	generative phonology	110
4.1	Introduction	110
4.2	Origins of non-linear generative phonology	111
4.3	Non-linear phonological representation	113
4.4	Constituency, heads and modifiers in phonological theory	146
4.5	Conclusion	164
5	Phonological representations in Declarative Phonology	165
5.1	Introduction	165
5.2	Historical context	166
5.3	A non-derivational approach to phonology	167
5.4	Phonological 'processes' in Declarative Phonology	177
5.5	A formalism for phonological representation	184
5.6	Phonetic interpretation, 1: temporal interpretation	216
5.7	Phonetic interpretation, 2: parametric interpretation	229
5.8	Conclusion	232
6	A declarative analysis of Japanese words	233
6.1	Introduction	233
6.2	Japanese syllable-structure	234
6.3	Moras	235
6.4	Syllables and moras	236
6.5	Structure of CV moras	251
6.6	Regressive palatalisation	252
6.7	Phonetic interpretation of CV moras	258
6.8	Consonant 'clusters' in onset and coda	265
6.9	Concluding remark	267
7	A declarative analysis of English words	269
7.1	A grammar of English monosyllables	269

		List of contents	ix
7.2	A grammar of English words		307
7.3	Lexical and postlexical phonology		323
7.4	Envoi		324
	References		326
	Index		344