

Contents

<i>List of Figures</i>	page ix
<i>Preface</i>	xi
I Theories of Phonology	I
1.1 Generative Phonology and <i>SPE</i>	I
1.1.1 Principles of Generative Phonology	8
1.1.2 Rule-Writing Conventions	11
1.1.3 Abstractness in <i>SPE</i>	13
1.1.4 English Stress in <i>SPE</i>	14
1.1.5 Other Issues for <i>SPE</i>	18
1.2 Metrical Phonology	20
1.3 The Prosodic Hierarchy	35
1.4 Lexical Morphology and Phonology	36
1.4.1 The Structure of the Lexicon	36
1.4.2 Lexical Morphology	38
1.4.3 Structure Preservation	38
1.4.4 Cyclicity	40
1.4.5 Strict Cyclicity	40
1.5 Other Post- <i>SPE</i> Developments	42
1.5.1 Autosegmental Phonology	42
1.5.2 Underspecification Theory	46
1.5.3 Optimality Theory	47
2 Segmental Phonology	52
2.1 Levels of Representation	52
2.2 English Consonants	56
2.3 Distinctive Features	59
2.4 English Vowels	64
2.4.1 Short Vowels	64
2.4.2 Length and Tenseness	66
2.4.3 Vowels in Unstressed Syllables	68
2.4.4 The Underlying Vowel System	69
2.4.5 Summary	69

2.5	Toward Systematic Phonemics	70
2.6	Phonology and Orthography	75
2.7	Exercises	76
3	Syllables and Moras	79
3.1	Syllables and Moras	79
3.2	The Syllable in <i>SPE</i>	82
3.3	Other Early Approaches to the Syllable	87
3.3.1	The Syllable Boundary Approach	87
3.3.2	The Autosegmental Approach	88
3.3.3	The Constituent Structure Approach	90
3.3.4	The Moraic Approach	92
3.3.5	Conditions on Onsets And Codas	94
3.4	The Syllable in English	103
3.4.1	The Onset	103
3.4.2	The Coda	109
3.4.3	The Coda Condition	112
3.4.4	Rules for Syllabification in English	117
3.5	Exceptions, Real and Apparent	121
3.6	Exercises	123
4	English Stress	125
4.1	Parameters of Stress	126
4.2	Quantity Sensitivity	135
4.3	English	139
4.3.1	The Rightmost Stress	140
4.3.2	The English Stress Rule: Further Iterations	144
4.3.3	Word-Tree Construction	148
4.4	Destressing Rules	151
4.4.1	Initial Destressing	151
4.4.2	Poststress Destressing	155
4.4.3	Sonorant Destressing	159
4.4.4	Arab Destressing	162
4.4.5	Medial Destressing	163
4.5	Cyclicity and Stress	165
4.6	Summary of the Stress Rules	172
4.7	Exceptions	173
4.8	SBG Revisited	179
4.9	Conclusion	181
4.10	Exercises	182
5	Prosodic Phonology	184
5.1	Prosodic Constituents	184
5.2	The Prosodic Hierarchy	186
5.3	Exemplification of Prosodic Categories	190
5.3.1	The Mora	190

5.3.2	The Syllable	192
5.3.3	The Foot	196
5.3.4	The Phonological Word	202
5.3.5	The Clitic Group	205
5.3.6	The Phonological Phrase	210
5.3.7	The Intonation Phrase	219
5.3.8	The Phonological Utterance	224
5.4	The Ordering of the Rules	231
5.5	Conclusion	232
5.6	Exercises	233
6	Lexical Phonology: The Cyclic Rules	235
6.1	Principles of Lexical Phonology	235
6.1.1	Criteria for Morphological Strata	236
6.1.2	Affixes Sensitive to Stress	240
6.1.3	Zero Derivation	243
6.1.4	Properties of Phonological Strata	250
6.2	Cyclicity	251
6.2.1	The Strict Cycle Condition	255
6.3	Additional Cyclic Rules	262
6.3.1	Tensing and Fricative Voicing	262
6.3.2	<i>I</i> -Laxing	265
6.4	Interaction of Stress with Cyclic Segmental Rules	266
6.5	Summary of Stratum 1 Rules	271
6.6	Exercises	272
7	Word-Level Phonology	274
7.1	Vowel Shift	274
7.1.1	Front Vowels	274
7.1.2	Back Vowels	276
7.1.3	[o]	281
7.2	Additional Vowel Rules	283
7.2.1	Prevocalic Tensing	283
7.2.2	Stem-final Tensing	285
7.2.3	Vowel Reduction	286
7.2.4	Other Vowel Adjustments	290
7.3	Summary	292
7.4	Consonant Rules	293
7.4.1	Velar Softening	293
7.4.2	Palatalization	294
7.4.3	Spirantization	300
7.4.4	<i>SPE</i> on <i>right</i> and <i>righteous</i>	303
7.4.5	<i>n</i> -Deletion	304
7.4.6	Prenasal <i>g</i> -Deletion	306
7.4.7	Nasal Assimilation and Noncoronal Deletion	307

7.4.8	<i>h</i> -Deletion	309
7.4.9	Epenthesis and Voicing Assimilation	310
7.5	Types of Rule Ordering	312
7.6	Summary of Stratum 2 Rules	314
7.7	Exercises	315
8	Further Issues in Phonological Theory	317
8.1	Umlaut and Ablaut	317
8.2	Affix Order and Bracketing Paradoxes	329
8.2.1	Apparent Violations of Stratum Ordered Affixation	329
8.2.2	Subcategorization and Stratum Ordering	335
8.2.3	Two Suffixes <i>-able</i>	336
8.3	Optimality Theory	340
8.3.1	Stress	340
8.3.2	Vowel Shift	343
8.3.3	Laxing	345
8.3.4	Opacity	347
8.3.5	<i>r</i> -Insertion	361
8.3.6	Conclusion	363
	<i>References</i>	366
	<i>Index</i>	375

Figures

1.1 The model of Lexical Phonology
6.1 The model of Lexical Phonology

page 37
236