

Contents

| | |
|--|----|
| Introduction. Phonetics: science or art? | 10 |
|--|----|

Part I. Phonetics

| | |
|--|----|
| 1.1. Phonetics and communication | 12 |
| 1.2. Articulation: how sounds are made and classified | 16 |
| 1.2.1. Consonants | 18 |
| 1.2.2. Consonants in context | 22 |
| 1.2.3. Vowels | 23 |
| 1.2.4. Vowels in context | 27 |
| 1.3. Language acquisition: how speech sounds are learned | 28 |
| 1.4. Acoustics: how sounds are processed and described | 30 |
| Summary | 33 |
| Further reading | 36 |

Part II. Phonology

| | |
|---|----|
| 2.1. Phoneme and allophones | 38 |
| 2.2. The consonant system of English | 40 |
| 2.3. The vowel system of English | 41 |
| 2.4. Comparing the sound systems of English and Russian | 43 |
| 2.4.1. Consonants: systemic differences | 44 |
| 2.4.2. Consonants: realizational and distributional differences | 45 |
| 2.4.3. Vowels: systemic differences | 48 |
| 2.4.4. Vowels: realizational and distributional differences | 48 |
| 2.4.5. Feature model | 50 |
| 2.4.6. Functional features | 51 |

| | |
|---|----|
| 2.5. Dynamic models | 52 |
| 2.5.1. The rise of generative phonology | 53 |
| 2.5.2. Autosegmental phonology | 55 |
| 2.5.3. Metrical phonology | 58 |
| 2.5.4. Prosodic phonology | 58 |
| 2.5.5. Lexical phonology | 58 |
| Summary | 60 |
| Further reading | 63 |

Part III. Syllable

| | |
|---|----|
| 3.1. Syllable as a phonetic and phonological unit | 64 |
| 3.2. Structure: universal rules | 65 |
| 3.3. Language-specific phonotactics | 67 |
| 3.4. Syllable division: experimental data | 68 |
| Summary | 70 |
| Further reading | 72 |

Part IV. Word Stress

| | |
|---|----|
| 4.1. Definition: stress and accent | 73 |
| 4.2. Perceptual and acoustic correlates | 74 |
| 4.3. Degrees of word stress | 77 |
| 4.4. Typology of word stress | 79 |
| 4.5. Functions of word stress | 80 |
| 4.6. English word stress location | 81 |
| 4.6.1. Roots | 81 |
| 4.6.2. Suffixes | 83 |
| 4.6.3. Prefixes | 85 |

| | |
|--|----|
| 4.6.4. Secondary stress | 86 |
| 4.6.5. Compounds | 86 |
| 4.7. Word accentual instability | 87 |
| 4.8. Comparing English and Russian | 88 |
| Summary | 91 |
| Further reading | 92 |

Part V. Intonation and Prosody

| | |
|--|-----|
| 5.1. Basic concepts: definitions, components | 94 |
| 5.2. Functions of intonation | 97 |
| 5.2.1. Syntactic function | 98 |
| 5.2.2. Accentual function | 100 |
| 5.2.3. Attitudinal function | 102 |
| 5.2.4. Semantic function | 103 |
| 5.2.5. Discourse function | 103 |
| 5.3. Functions of prosodic features | 104 |
| 5.3.1. Structural function | 104 |
| 5.3.2. Social function | 105 |
| 5.4. Universal, typological, specific features | 107 |
| 5.4.1. Intonation grouping | 108 |
| 5.4.2. Nucleus placement | 108 |
| 5.4.3. Nuclear tones | 109 |
| 5.4.4. Declination | 110 |
| 5.4.5. Intonation of emotions | 110 |
| 5.4.6. Key | 111 |
| 5.4.7. Intonation acquisition | 111 |
| 5.5. Comparing English and Russian | 112 |
| 5.6. New trends in English intonation | 118 |
| Summary | 122 |
| Further reading | 123 |

Part VI. Sociophonetics

| | |
|---|-----|
| 6.1. Geographical variation | 125 |
| 6.2. Major accent types: British and American | 128 |
| 6.2.1. Vowels | 129 |
| 6.2.2. Consonants | 130 |
| 6.2.3. Word stress | 131 |
| 6.2.4. Rhythm | 132 |
| 6.2.5. Intonation | 132 |
| 6.2.6. British regional features | 133 |
| 6.2.7. American regional features | 134 |
| 6.3. Social factors and social markers | 136 |
| 6.4. Situational variation | 143 |
| 6.5. Language change in progress | 146 |
| Summary | 150 |
| Further reading | 152 |

Part VII. Phonostylistics

| | |
|--|-----|
| 7.1. Styles and style-forming means | 154 |
| 7.2. Rhythm of verse and prose | 158 |
| 7.2.1. Verse | 158 |
| 7.2.2. Prose | 160 |
| 7.2.3. Spontaneous talk | 162 |
| 7.2.4. Stress-timed and syllable-timed rhythms | 164 |
| 7.3. Formal and informal talk | 166 |
| 7.4. The art of speech: phonetic aspects | 169 |

| | |
|-----------------------|-----|
| Summary | 172 |
| Further reading | 174 |
| Glossary | 175 |
| References | 186 |