

CONTENTS

| | |
|--|-----|
| <i>Notation</i> | xi |
| <i>Greek and Latin works cited in the text</i> | xii |
| I. Introduction | I |
| I.1 Modality and typology | I |
| I.1.1 <i>Modality</i> | 1 |
| I.1.2 <i>Typology</i> | 2 |
| I.1.3 <i>Grammaticalization</i> | 3 |
| I.1.4 <i>Differences of system</i> | 7 |
| I.1.5 <i>The data</i> | 8 |
| I.2 Some earlier proposals | 9 |
| I.2.1 <i>Jespersen</i> | 9 |
| I.2.2 <i>von Wright</i> | 10 |
| I.2.3 <i>Rescher</i> | 12 |
| I.2.4 <i>Searle</i> | 13 |
| I.3 The definition of modality | 14 |
| I.3.1 <i>Proposition and modality</i> | 14 |
| I.3.2 <i>Subjectivity</i> | 16 |
| I.3.3 <i>Factuality</i> | 17 |
| I.3.4 <i>Epistemic and deontic</i> | 18 |
| I.3.5 <i>Possibility and necessity</i> | 20 |
| I.3.6 <i>Mood and modality</i> | 21 |
| I.4 Declaratives, Imperatives, Interrogatives | 23 |
| I.4.1 <i>Sentence types</i> | 23 |
| I.4.2 <i>Declaratives</i> | 26 |
| I.4.3 <i>Imperatives</i> | 29 |
| I.4.4 <i>Interrogatives</i> | 30 |
| I.4.5 <i>Indirect speech acts</i> | 32 |
| I.5 Grammatical types | 33 |
| I.5.1 <i>Modal verbs</i> | 33 |
| I.5.2 <i>Mood</i> | 39 |
| I.5.3 <i>Clitics and particles</i> | 43 |
| I.5.4 <i>A complex system</i> | 46 |
| 2. Epistemic modality | 51 |
| 2.1 Definition of the term 'epistemic' | 51 |

Contents

| | | |
|-------|---|-----|
| 2.1.1 | <i>Judgments and Evidentials</i> | 51 |
| 2.1.2 | <i>Specific epistemic markers</i> | 54 |
| 2.1.3 | <i>Other systems</i> | 57 |
| 2.2 | Judgments | 57 |
| 2.2.1 | <i>MAY and MUST</i> | 57 |
| 2.2.2 | <i>WILL</i> | 61 |
| 2.2.3 | <i>Modifications</i> | 63 |
| 2.2.4 | <i>Inference and confidence</i> | 64 |
| 2.2.5 | <i>Mood</i> | 65 |
| 2.3 | Evidentials | 66 |
| 2.3.1 | <i>'Pure' systems</i> | 67 |
| 2.3.2 | <i>Judgments and Evidentials again</i> | 68 |
| 2.3.3 | <i>Quotatives</i> | 71 |
| 2.3.4 | <i>Sensation</i> | 74 |
| 2.4 | Speakers and hearers | 76 |
| 2.5 | Interrogatives | 78 |
| 2.6 | Declaratives | 81 |
| 2.6.1 | <i>Marking</i> | 81 |
| 2.6.2 | <i>Knowledge and belief</i> | 83 |
| 2.6.3 | <i>Direct evidence</i> | 84 |
| 2.6.4 | <i>The status of the Declarative</i> | 86 |
| 2.7 | Discourse | 88 |
| 2.7.1 | <i>Grammatical systems</i> | 88 |
| 2.7.2 | <i>Discourse and modality</i> | 91 |
| 2.8 | A possible typological system | 94 |
| 3. | Deontic modality | 96 |
| 3.1 | Definition of the term 'deontic' | 96 |
| 3.2 | Directives | 97 |
| 3.2.1 | <i>MAY and MUST</i> | 98 |
| 3.2.2 | <i>Modifications</i> | 100 |
| 3.2.3 | <i>Subjectivity</i> | 102 |
| 3.2.4 | <i>Other systems</i> | 104 |
| 3.2.5 | <i>Deontic requests</i> | 106 |
| 3.3 | Imperatives | 108 |
| 3.3.1 | <i>The status of the Imperative</i> | 108 |
| 3.3.2 | <i>The Imperative and person</i> | 109 |
| 3.3.3 | <i>Other grammatical restrictions</i> | 111 |
| 3.3.4 | <i>Non-finite forms</i> | 114 |
| 3.4 | Other modalities | 115 |
| 3.4.1 | <i>Commissives</i> | 115 |
| 3.4.2 | <i>Volitives</i> | 116 |
| 3.4.3 | <i>Evaluatives</i> | 119 |
| 3.5 | Epistemic and deontic modality | 121 |
| 4. | Complement clauses | 126 |
| 4.1 | Classification | 127 |

| | | |
|-------|--|-----|
| 4.1.1 | <i>Types of clause</i> | 127 |
| 4.1.2 | <i>Lexical classes</i> | 128 |
| 4.1.3 | <i>Markers of subordination</i> | 131 |
| 4.1.4 | <i>Complements as reports</i> | 134 |
| 4.2 | Epistemic modality | 136 |
| 4.2.1 | <i>Judgments and reports</i> | 136 |
| 4.2.2 | <i>Mood and indirect speech</i> | 138 |
| 4.2.3 | <i>Factivity and assertion</i> | 140 |
| 4.2.4 | <i>Mood and assertion</i> | 141 |
| 4.2.5 | <i>Speaker's commitment</i> | 146 |
| 4.3 | Deontic modality | 150 |
| 4.3.1 | <i>Directives</i> | 150 |
| 4.3.2 | <i>Volitives</i> | 152 |
| 4.3.3 | <i>Evaluatives</i> | 153 |
| 4.4 | Subject complementation | 154 |
| 4.5 | Non-finite clauses | 156 |
| 4.5.1 | <i>Definition of the term 'non-finite'</i> | 156 |
| 4.5.2 | <i>Finite and non-finite</i> | 160 |
| 4.6 | Deixis and indirect speech | 163 |
| 4.6.1 | <i>Deixis as a criterion</i> | 163 |
| 4.6.2 | <i>Tense and speaker involvement</i> | 165 |
| 4.7 | Performatives | 167 |
| 5. | Oblique clauses | 172 |
| 5.1 | Markers of subordination | 172 |
| 5.2 | 'Implicated' clauses | 174 |
| 5.2.1 | <i>Purpose</i> | 174 |
| 5.2.2 | <i>Purpose clauses and complements</i> | 176 |
| 5.2.3 | <i>'Relative purpose'</i> | 178 |
| 5.2.4 | <i>Results</i> | 180 |
| 5.3 | Cause, time, etc. | 182 |
| 5.3.1 | <i>Causal clauses</i> | 182 |
| 5.3.2 | <i>Temporal clauses</i> | 184 |
| 5.3.3 | <i>Other types</i> | 187 |
| 5.4 | Conditionals | 188 |
| 5.4.1 | <i>The status of conditionals</i> | 189 |
| 5.4.2 | <i>Real conditions</i> | 189 |
| 5.4.3 | <i>Unreal conditions</i> | 191 |
| 5.4.4 | <i>Modals and unreal conditions</i> | 195 |
| 5.4.5 | <i>Problematic cases involving modals</i> | 196 |
| 5.5 | Coordination and subordination | 199 |
| 5.5.1 | <i>Parataxis</i> | 199 |
| 5.5.2 | <i>Coordination with modality</i> | 204 |
| 6. | Modality and other categories | 208 |
| 6.1 | Modality and tense | 209 |
| 6.1.1 | <i>Unreality and past</i> | 210 |

Contents

| | | |
|-------|--------------------------------------|-----|
| 6.1.2 | <i>Modality and past</i> | 213 |
| 6.1.3 | <i>Modality and future</i> | 216 |
| 6.2 | <i>Modality and negation</i> | 218 |
| 6.3 | <i>Modality and person</i> | 221 |
| 6.4 | <i>Modality and 'existence'</i> | 223 |
| 6.5 | <i>Final observations</i> | 224 |
| | <i>References and citation index</i> | 227 |
| | <i>Language index</i> | 236 |
| | <i>General index</i> | 238 |