CONTENTS

	Notation	xi
	Greek and Latin works cited in the text	xii
ı.	Introduction	I
Ι.Ι	Modality and typology	I
	Modality 1	
1.1.2	Typology 2	
1.1.3	Grammaticalization 3	
1.1.4	Differences of system 7	
1.1.5	The data 8	
1.2	Some earlier proposals	9
	Jespersen 9	,
	von Wright 10	
1.2.3	Rescher 12	
1.2.4	Searle 13	
1.3	The definition of modality	14
	Proposition and modality 14	I
1.3.2	Subjectivity 16	
1.3.3	Factuality 17	
1.3.4	Epistemic and deontic 18	
1.3.5	Possibility and necessity 20	
1.3.6	Mood and modality 21	
1.4	Declaratives, Imperatives, Interrogatives	23
	Sentence types 23	
	Declaratives 26	
	Imperatives 29	
	Interrogatives 30	
.4.5	Indirect speech acts 32	
1.5	Grammatical types	33
1.5.1	Modal verbs 33	
.5.2	Mood 39	
.5.3	Clitics and particles 43	
.5.4	A complex system 46	
2.	Epistemic modality	51
	-	_
2.1	Definition of the term 'epistemic'	51

Contents

2.1.2 Specific epistemic markers 54 2.1.3 Other systems 57 2.2 Judgments 2.2.1 May and MUST 57 2.2.2 WILL 61 2.2.3 Modifications 63 2.2.4 Inference and confidence 64 2.2.5 Mood 65 2.3 Evidentials 2.3.1 Pure systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quotaives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 2.5 Interrogatives 2.6 Declaratives 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 91 2.8 A possible typological system 3. Deontic modality 3.1 Definition of the term 'deontic' 96 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperative 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 4.1 Classification 126	2.1.1 Judgments and Evidentials 51	
2.2 Judgments 2.2.1 MAY and MUST 57 2.2.2 WILL 61 2.2.3 Modifications 63 2.2.4 Inference and confidence 64 2.2.5 Mood 65 2.3 Evidentials 66 2.3.1 Pure systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 106 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
2.2.1 MAY and MUST 57 2.2.2 WILL 61 2.2.3 Modifications 63 2.2.4 Inference and confidence 64 2.2.5 Mood 65 2.3 Evidentials 66 2.3.1 Pure' systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quotatives 71 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6 Declaratives 81 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	2.1.3 Other systems 57	
2.2.2 WILL 61 2.2.3 Modifications 63 2.2.4 Inference and confidence 64 2.2.5 Mood 65 2.3 Evidentials 65 2.3.1 Pure' systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse and modality 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 May and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	• 9	57
2.2.3 Modifications 63 2.2.4 Inference and confidence 64 2.2.5 Mood 65 2.3 Evidentials 67 2.3.1 Pure' systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 81 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse and modality 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 May and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperative 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	Ç,	
2.2.4 Inference and confidence 64 2.2.5 Mood 65 2.3 Evidentials 66 2.3.1 Pure systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quotaives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7.1 Grammatical systems 88 2.7.2 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121		
2.2.5 Mood 65 2.3 Evidentials 2.3.1 Pure systems 67 2.3.2 Judgments and Exidentials again 68 2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 81 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse and modality 91 2.8 A possible typological system 94 3. Deontic modality 96 3. Deinition of the term 'deontic' 96 3.2 Directives 97 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
2.3 Evidentials 2.3.1 Pure' systems 67 2.3.2 Judgments and Evidentials again 68 2.3.3 Quatatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6 Declaratives 81 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse and modality 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 May and Must 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
2.3.1 Pure' systems 67 2.3.2 Judgments and Exidentials again 68 2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6 Declaratives 81 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 May and Must 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	· ·	
2.3.2 Judgments and Evidentials again 68 2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6 Declaratives 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		66
2.3.3 Quotatives 71 2.3.4 Sensation 74 2.4 Speakers and hearers 76 2.5 Interrogatives 78 2.6 Declaratives 81 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.2 Discourse 88 2.7.2 Discourse and modality 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 May and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
2.3.4 Speakers and hearers 2.4 Speakers and hearers 2.5 Interrogatives 2.6 Declaratives 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 91 2.8 A possible typological system 3. Deontic modality 3.1 Definition of the term 'deontic' 3.2 Directives 3.2.1 May and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses		
2.4 Speakers and hearers 2.5 Interrogatives 2.6 Declaratives 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 2.7 Discourse 2.8 A possible typological system 3. Deontic modality 3.1 Definition of the term 'deontic' 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses		
2.5 Interrogatives 2.6 Declaratives 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 91 2.8 A possible typological system 3. Deontic modality 3.1 Definition of the term 'deontic' 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	* *	
2.6 Declaratives 2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 91 2.8 A possible typological system 3. Deontic modality 3.1 Definition of the term 'deontic' 96 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	2.4 Speakers and hearers	76
2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 116 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	2.5 Interrogatives	78
2.6.1 Marking 81 2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	2.6 Declaratives	81
2.6.2 Knowledge and belief 83 2.6.3 Direct evidence 84 2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	**	
2.6.4 The status of the Declarative 86 2.7 Discourse 88 2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	2.6.3 Direct evidence 84	
2.7.1 Grammatical systems 88 2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	2.7 Discourse	88
2.7.2 Discourse and modality 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 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	2.7.1 Grammatical systems 88	
3. Deontic modality 3.1 Definition of the term 'deontic' 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses		
3.1 Definition of the term 'deontic' 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	2.8 A possible typological system	94
3.1 Definition of the term 'deontic' 3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	3. Deontic modality	96
3.2 Directives 3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	- · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
3.2.1 MAY and MUST 98 3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	•	,
3.2.2 Modifications 100 3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		97
3.2.3 Subjectivity 102 3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 108 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	· ·	
3.2.4 Other systems 104 3.2.5 Deontic requests 106 3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses		
3.3 Imperatives 3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses		
3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	3.2.5 Deontic requests 106	
3.3.1 The status of the Imperative 108 3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	3.3 Imperatives	108
3.3.2 The Imperative and person 109 3.3.3 Other grammatical restrictions 111 3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		200
3.3.4 Non-finite forms 114 3.4 Other modalities 115 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		
3.4 Other modalities 3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses	3.3.3 Other grammatical restrictions 111	
3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	3.3.4 Non-finite forms 114	
3.4.1 Commissives 115 3.4.2 Volitives 116 3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126	3.4 Other modalities	115
3.4.3 Evaluatives 119 3.5 Epistemic and deontic modality 121 4. Complement clauses 126		3
3.5 Epistemic and deontic modality 121 4. Complement clauses 126	3.4.2 Volitives 116	
4. Complement clauses 126	3.4.3 Evaluatives 119	
4.7. Classification	3.5 Epistemic and deontic modality	121
4.1 Classification	4. Complement clauses	126
	4.1 Classification	127

4.1.2 4.1.3	Types of clause 127 Lexical classes 128 Markers of subordination 131	
4.2	Complements as reports 134 Epistemic modality Judgments and reports 136	136
4.2.2	Mood and indirect speech 138 Factivity and assertion 140 Mood and assertion 141	
4·2·5 4·3	Speaker's commitment 146 Deontie modality Directives 150	150
4·3·2 4·3·3	Volitives 152 Evaluatives 153	
4.4	Subject complementation	154
4.5.1	Non-finite clauses Definition of the term 'non-finite' 156 Finite and non-finite 160	156
4.6.1	Deixis and indirect speech Deixis as a criterion 163 Tense and speaker involvement 165	163
	Performatives	167
-	Oblique clauses	172
5.1	Markers of subordination	172
5.2	'Implicated' clauses	174
	'Implicated' clauses Purpose 174	174
5.2.1 5.2.2 5.2.3		174
5.2.1 5.2.2 5.2.3 5.2.4 5.3.1 5.3.1 5.3.2	Purpose 174 Purpose clauses and complements 176 'Relative purpose' 178 Results 180 Cause, time, etc. Causal clauses 182 Temporal clauses 184	174
5.2.1 5.2.2 5.2.3 5.2.4 5.3.1 5.3.2 5.3.3 5.4.1 5.4.1 5.4.2	Purpose 174 Purpose clauses and complements 176 Relative purpose' 178 Results 180 Cause, time, etc. Caused clauses 182 Temporal clauses 184 Other types 187 Conditionals The status of conditionals 189 Real conditions 189	
5.2.1 5.2.2 5.2.3 5.2.4 5.3.1 5.3.2 5.3.3 5.4.1 5.4.2 5.4.2 5.4.3 5.4.4 5.4.5	Purpose 174 Purpose elauses and complements 176 Relative purpose' 178 Results 180 Cause, time, etc. Causal clauses 182 Temporal clauses 184 Other types 187 Conditionals The status of conditionals 189 Real conditions 189 Unreal conditions 191 Modals and unreal conditions 195 Problematic cases involving modals 196	182
5.2.1 5.2.2 5.2.3 5.2.4 5.3.1 5.3.2 5.3.3 5.4.1 5.4.2 5.4.2 5.4.3 5.4.4 5.4.5	Purpose 174 Purpose elauses and complements 176 'Relative purpose' 178 Results 180 Cause, time, etc. Causal clauses 182 Temporal clauses 184 Other types 187 Conditionals The status of conditionals 189 Real conditions 189 Unreal conditions 191 Modals and unreal conditions 195	182
5.2.1 5.2.2 5.2.3 5.2.4 5.3 5.3.1 5.3.2 5.3.3 5.4.1 5.4.2 5.4.3 5.4.4 5.4.5 5.5.1 5.5.2	Purpose 174 Purpose elauses and complements 176 Relative purpose' 178 Results 180 Cause, time, etc. Causal clauses 182 Temporal clauses 184 Other types 187 Conditionals The status of conditionals 189 Real conditions 189 Unreal conditions 191 Modals and unreal conditions 195 Problematic cases involving modals 196 Coordination and subordination Parataxis 199	182

Contents

	Modality and past 213 Modality and future 216	
6.2	Modality and negation	218
6.3	Modality and person	221
6.4	Modality and 'existence'	223
6.5	Final observations	224
	References and citation index	227
i	Language index	236
(General index	238