

## Table of Contents

Abstract	
Acknowledgement	
Table of contents	
Abbreviations	
<b>Introduction</b>	
<i>Chapter 1</i> _____	1
1.1 Preliminaries	... 1
1.2 Theoretical background	... 3
1.3 Data	... 6
1.4 Objectives	... 6
1.5 Organisation of the thesis	... 7
<b>Overview of Ergativity</b>	
<i>Chapter 2</i> _____	13
2.1 Morphological ergativity	... 15
2.2 Morphological split	... 17
2.2.1 Accusative pattern on pronouns	... 17
2.2.2 Agreement	... 23
2.2.3 Perfective vs. imperfective	... 27
2.2.4 Subordinate vs. main clauses	... 31
2.3 Syntactic ergativity	... 34
2.4 Syntactic split	... 39
2.5 Subject-oriented syntactic rules	... 40
2.6 Summary	... 43
<b>Issues in Tongan Syntax</b>	
<i>Chapter 3</i> _____	46
3.1 Classification and morphological characteristics	... 47
3.2 Construction types	... 51
3.2.1 Verbal constructions	... 51
3.2.2 Non-verbal constructions	... 52
3.2.3 <i>Ko</i> -construction	... 54
3.3 Pronouns	... 56
3.4 <i>Pro</i> -drop	... 60
3.4.1 Subjectless sentences	... 60
3.4.2 <i>Pro</i> and licensing conditions	... 61

3.5 Expletive	... 65
3.5.1 Weather verbs	... 66
3.5.2 Unaccusative verbs	... 68
3.6 Subordinate clauses	... 70
3.6.1 Finite clauses	... 71
3.6.2 <i>Ke</i> -clauses	... 71
3.7 Summary	... 76

## **Case Theory in Generative Grammar**

### *Chapter 4* \_\_\_\_\_ 79

4.1 Standard theory of case	... 80
4.2 Some exceptional cases	... 83
4.2.1 Unaccusative	... 83
4.2.2 Raising	... 86
4.2.3 Exceptional Case Marking (ECM)	... 87
4.2.4 Small clauses	... 88
4.2.5 PRO and Null case	... 89
4.3 Ergativity	... 90
4.3.1 Unaccusative analysis	... 91
4.3.2 Inherent case analysis	... 92
4.3.3 Dependent case analysis	... 93
4.4.4 KP analysis	... 94
4.4.5 Active Agr analysis	... 96
4.4 Hypothesis	... 100
4.4.1 Preliminaries	... 100
4.4.2 Proposal	... 101
4.4.3 Minimalist program and ergative case marking	... 103
4.4.3.1 Assumptions	... 104
4.4.3.2 Problems concerning ergative case marking	... 107
4.4.4 Unaccusatives in ergative languages	... 109
4.5 Summary	... 111

## **Syntactic Ergativity in Tongan**

### *Chapter 5* \_\_\_\_\_ 115

5.1 Relativisation	... 116
5.2 Coordination	... 119
5.2.1 Use of conjunctions	... 120
5.2.2 <i>Pea</i> -coordination	... 122
5.2.3 ' <i>O</i> -coordination	... 126
5.2.4 <i>Mo</i> -coordination	... 128
5.2.5 Split	... 129
5.2.6 Further speculation on ' <i>o</i>	... 134
5.3 ERG as a syntactic notion	... 139

<b>Morphological Split: Accusative Behaviour of Pronouns</b>	
<i>Chapter 6</i>	141
<hr/>	
6.1 Accusative pattern on pronouns	... 142
6.2 Inventory of the Tongan pronouns	... 145
6.3 Properties of subject clitic in Tongan	... 150
6.3.1 Theories of cliticisation	... 150
6.3.2 Generation of SCL's in Tongan	... 153
6.3.3 Clitic doubling in Tongan	... 161
6.3.4 [+A] clitics and raising in Tongan	... 166
6.4 Further implications of the current analysis	... 168
<b>Raising or No Raising?</b>	
<i>Chapter 7</i>	174
<hr/>	
7.1 Unaccusatives	... 176
7.2 Raising	... 179
7.3 Data: raising in Tongan	... 181
7.3.1 Ergative pattern	... 182
7.3.2 Raising of pronouns	... 184
7.4 <i>Ke</i> -clauses	... 186
7.4.1 Properties of <i>ke</i> -clauses as infinitives	... 187
7.4.2 Properties of <i>ke</i> -clauses as finite clauses	... 188
7.4.3 The subjunctive analysis	... 190
7.4.4 Inflected infinitives	... 190
7.5 Raising in Niuean	... 193
7.5.1 Data	... 194
7.5.2 Analyses	... 195
7.6 Operator movement analysis	... 202
7.6.1 Tongan data	... 203
7.6.2 Niuean data	... 207
7.6.3 Raising-to-object	... 209
7.7 Summary	... 211
<b>Passive</b>	
<i>Chapter 8</i>	213
<hr/>	
8.1 Definition of passive	... 214
8.1.1 GB approach	... 214
8.1.2 Relational Grammar (RG) approach	... 218
8.1.3 Definition of passive	... 221
8.2 Passive in ergative languages	... 224
8.2.1 Burushaski	... 224
8.2.2 Nez Perce	... 225
8.2.3 Chamorro	... 225

8.2.4	Mam	... 226
8.2.5	Inuktitut and Inuit	... 227
8.2.6	Passive in Polynesian	... 227
8.3	Passive-like constructions in Tongan	... 232
8.3.1	Lexical passive	... 233
8.3.2	Subject-less transitive	... 235
8.3.3	VOS word order	... 240
8.3.4	Passive morphemes?	... 243
	8.3.4.1 <i>Ma</i> -prefix	... 243
	8.3.4.2 <i>-Cia</i> verbs	... 247
8.4	Summary	... 250

## **Antipassive and Middle Constructions**

### *Chapter 9* \_\_\_\_\_ 253

9.1	Middle verbs	... 255
9.1.1	Case marking	... 255
9.1.2	Syntactic characteristics	... 256
9.1.3	Semantic characteristics	... 258
9.1.4	Similarity between the middle and the antipassive	... 260
9.2	Antipassive	... 261
9.2.1	Syntactic property	... 261
9.2.2	Pragmatic property	... 262
9.2.3	Semantic property	... 263
9.2.4	Definition	... 264
9.3	Analysis of the Tongan middle	... 266
9.3.1	Principal criteria	... 266
	9.3.1.1 Morphology	... 266
	9.3.1.2 Grammatical relations	... 268
9.3.2	Syntactic motivation	... 276
9.3.3	Pragmatic consideration	... 279
9.4	Summary	... 282

## **Control of PRO**

### *Chapter 10* \_\_\_\_\_ 285

10.1	Control theory	... 287
10.1.1	The Null case hypothesis	... 289
10.1.2	Semantic approach	... 290
10.1.3	PRO in ergative languages	... 293
10.1.4	Case-marked PRO	... 297
10.1.5	Coexistence of PRO and overt NP's	... 299
10.2	Tongan <i>ke</i> -clauses	... 302
10.3	Control in Tongan	... 305
10.3.1	Control by full NP's	... 305

10.3.2	PRO <sub>arb</sub>	... 310
10.3.3	PRO as O	... 311
10.3.4	Control by pronominal arguments	... 317
	10.3.4.1 Control of S	... 319
	10.3.4.2 Control of A	... 322
	10.3.4.3 Coreference between O and a pronominal argument	... 324
10.4	Problems	... 326
	10.4.1 Coexistence of PRO and overt NP's	... 327
	10.4.1.1 Icelandic <i>að</i> -clauses	... 328
	10.4.1.2 Malagasy <i>fa</i> -clauses	... 328
	10.4.1.3 Modern Greek <i>na</i> -clauses	... 330
	10.4.1.4 Feature checking in C(omp)	... 331
	10.4.1.5 Inflected infinitive approach	... 333
	10.4.2 Case-marked PRO	... 339
10.5	Summary	... 345
<b>Conclusion</b>		
<i>Chapter 11</i>		349
<hr/>		
11.1	Proposal	... 349
11.2	Findings	... 351
	11.2.1 Morphological ergativity	... 351
	11.2.2 Syntactic ergativity	... 353
	11.2.3 Split: an accusative pattern	... 354
	11.2.4 Voice	... 358
11.3	Conclusion	... 360
11.4	Open questions	... 362
References		... 365

## Abbreviations

ABS	absolutive	trans	transitive
ACC	accusative	vt	transitive verb
Agt	agent	vi	intransitive verb
APASS	antipassive	1.	first person
ASP	aspectual	2.	second person
avi	adjectival intransitive verb	3.	third person
d.	dual		
DAT	dative		
def	definite		
DIR	direct (case)		
Dir	directional		
excl.	exclusive		
ERG	ergative		
f.	feminine		
Fut	future		
GEN	genitive		
incl.	inclusive		
IND	indicative		
Lit.	literal meaning		
m.	masculine		
n.	neutral		
Neg	negative		
NFut	non-future		
NOM	nominative		
NPst	non-past		
OBL	oblique		
OP	operator		
pass	passive		
Perf	perfect		
pl.	plural		
poss.	possessive		
Pot	potential		
Pred	predicate		
Pret	preterite		
Prs	present		
prt	particle		
Pst	past		
Rel	relative		
s.	singular		
subj.	subjunctive		
SUBJ	subject		
Tns	tense		