Contents

Preface — VII

Acknowledgements — IX

List of Tables — XXXIII

List of Maps — XXXV

List of Abbreviations — XXXVII

Glossary of specific terms and notational symbols — XLI

Abstract — XLIII

Resume — XLV

Shaowu as a Sinitic language — XLVII

Periodisation of Sinitic — XLIX

Special characters and symbols, transcription and glossing conventions — LI

Background & overview

Chapter 1
Introduction — 3
1.1 Brief typological profile of Shaowu — 3
1.2 Previous studies and literature review — 11
1.3 Classificatory criteria for Shaowu affiliation — 14
1.3.1 Phonological criteria — 15
1.3.2 Lexical criteria — 15
1.3.3 Syntactic criteria — 16
1.3.4 Summary — 17
1.4 Significance of this research work — 18
1.5 Methodology and fieldwork descriptions — 19
1.5.1 Elicitation materials — 20
1.5.2 Fieldwork equipment — 21
Chapter 2
Geography, demography and history of Shaowu —— 22

Part I: Phonetics & phonology

Chapter 3
Phonology —— 31
3.1 Phonetic system —— 31
3.1.1 Initial consonants —— 32
3.1.2 Vowels —— 34
3.1.3 Rhymes —— 36
3.1.4 Tones —— 37
3.2 Phonotactics —— 38
3.3 Shaowu phonology and phonotactics in relation to historical phonology —— 39
3.4 Tone sandhi —— 41
3.4.1 Phonological tone change —— 41
3.4.2 Morphological tone change —— 44
3.5 Summary —— 45

Part II: Nominal structure

Chapter 4
Pronominal systems —— 51
4.1 Personal pronouns —— 51
4.2 Reflexives —— 54
4.2.1 Pronominal function —— 55
4.2.2 Adverbial function —— 55
4.3 Demonstratives —— 55
4.3.1 Pronominal demonstratives —— 56
4.3.2 Adverbial demonstratives —— 59
4.4 Interrogative pronouns —— 60
4.4.1 What —— 62
4.4.2 Which —— 62
4.4.3 Who —— 63
4.4.4 When —— 63
4.4.5 Where —— 64
4.4.6 How — 64
4.5 Summary — 65

Chapter 5
Classifier systems and counting paradigms — 66
5.1 Numeral classifiers — 68
5.1.1 Sortal classifiers — 69
5.1.2 Container classifiers — 73
5.1.3 Collective classifiers — 73
5.1.4 Kind or type classifiers — 75
5.2 Verbal classifiers — 76
5.3 Counting paradigms — 77
5.3.1 Cardinal number system — 78
5.3.2 Ordinal number system — 80
5.4 Summary — 80

Chapter 6
Affixal morphology — 82
6.1 Nominal affixation — 83
6.1.1 Prefixation — 84
6.1.2 Suffixation — 87
6.1.3 Circumfixation — 105
6.2 Adjectival affixation — 106
6.2.1 Adjectival infixation — 106
6.3 Summary — 108

Chapter 7
Reduplication — 109
7.1 Nominal reduplication — 109
7.2 Classifier reduplication — 110
7.3 Verbal reduplication — 111
7.4 Adjectival reduplication — 112
7.5 Adverbial reduplication — 112
7.6 Summary — 113

Chapter 8
Compounding — 114
8.1 Nominal compounding — 114
8.1.1 Monosyllabic $N_1 +$ monosyllabic $N_2$ compounding — 114
8.1.2 Disyllabic $N_1$+ monosyllabic $N_2$ compounding — 115
8.1.3 Disyllabic $N_1$+ disyllabic $N_2$ compounding — 115
8.2 Verbal compounding — 115
8.2.1 $V_1 + V_2$ compounding — 116
8.2.2 $V + N$ compounding — 116
8.2.3 $V + \text{RES}$ compounding — 117
8.3 Adjectival compounding — 118
8.3.1 $\text{ADV}_1 + \text{ADV}_2$ compounding — 118
8.3.2 $\text{ADJ} + N$ compounding — 118
8.3.3 $\text{ADJ} + V$ compounding — 119
8.3.4 $V + \text{ADJ}$ compounding — 119
8.4 Summary — 119

Chapter 9
Kinship terms — 120

Chapter 10
Locative adpositions around NPs — 125
10.1 Locative prepositions — 125
10.2 Locative postpositions — 126
10.3 Locative circumpositions — 128
10.4 Summary — 129

Chapter 11
Relative clauses — 130
11.1 The adnominal modification marker $[\text{kai}^{213}]$ — 131
11.1.1 As a relative-clause marker — 131
11.1.2 As a genitive marker — 132
11.1.3 As an attributive marker — 132
11.2 Relativisation types — 133
11.2.1 Relativisation on subject within the relative clause — 134
11.2.2 Relativisation on object within the relative clause — 135
11.2.3 Resumptive-pronoun relative clauses — 136
11.2.4 Relative clauses and passive constructions — 137
11.2.5 Restrictive relative clauses vs non-restrictive relative clauses — 138
11.2.6 Relative clauses without relative markers — 139
11.2.7 Free relative clauses — 140
11.3 Summary — 141
Chapter 12
Possessive noun phrases and inalienability — 142
12.1 Possessive determiner paradigm — 143
12.2 Possessive pronoun paradigm — 144
12.3 Possessive constructions with [kai²] — 144
12.3.1 Human possessum — 145
12.3.2 Animal possessum — 145
12.3.3 Inanimate possessum — 145
12.3.4 Locative possessum — 145
12.4 Zero-marked possessive constructions and inalienability — 146
12.5 Possessive constructions using demonstratives — 148
12.6 Possessive constructions using resumptive pronouns — 149
12.7 Body-part terms — 150
12.8 Summary — 151

Part III: Predicate structure

Chapter 13
Verb classes — 157
13.1 State verbs — 158
13.1.1 Stative verbs — 158
13.1.2 Predicative adjectives — 159
13.2 Activity verbs — 160
13.3 Accomplishment verbs — 162
13.3.1 Inherent accomplishment verbs — 162
13.3.2 Accomplishment verbs formed by activity verbs and complements — 163
13.4 Achievement verbs — 164
13.4.1 Inherent achievement verbs — 164
13.4.2 Achievement verbs formed by activity verbs and complements — 165
13.5 Summary — 165

Chapter 14
Adpositional phrases — 167
14.1 Ablative markers ‘from’ — 168
14.1.1 In spatial adjuncts — 168
14.1.2 In temporal adjuncts — 168
14.2 Allative marker 'towards' — 168
14.3 Benefactive marker 'for, on behalf of' — 169
14.4 Comitative marker 'with' — 169
14.5 Dative marker 'to' — 170
14.6 Instrumental marker 'with, by means of' — 170
14.7 Locative markers — 171
14.7.1 Locative preposition 'in', 'at' — 171
14.7.2 Locative postposition 'inside' — 171
14.7.3 Locative postposition 'outside' — 172
14.7.4 Locative postposition 'on' — 172
14.7.5 Locative postposition 'under' — 172
14.7.6 Locative postposition 'in front of' — 172
14.7.7 Locative postposition 'at the back of' — 173
14.8 Concern marker 'as for' — 173
14.9 Circumpositions — 173
14.10 Summary — 174

Chapter 15
Adverbs and adverbial phrases — 175
15.1 Adverbs — 176
15.1.1 Manner adverbs — 176
15.1.2 Degree adverbs — 176
15.1.3 Extent adverbs — 179
15.1.4 Frequency adverbs — 180
15.1.5 Repetition adverbs — 181
15.1.6 Emphatic, approximative and logical-relations adverbs — 182
15.1.7 Temporal adverbs — 183
15.2 Adverbial phrases — 185
15.3 Summary — 186

Chapter 16
Negation and negative markers — 187
16.1 Negation morphemes — 188
16.1.1 Negator [ŋ 55] 唔 — 188
16.1.2 Negator [mau 35]冇 — 191
16.1.3 Negator [pei 213]未 — 195
16.1.4 Prohibitive negator [mai 22]〇别 — 196
16.1.5 Hortative negative imperative [ŋ 55 nuŋ 35]唔〇要 — 197
16.1.6 Literary negator [pei 53]不 — 197
16.2 Double negation — 198
16.2.1 [mau³⁵] 冇 ... [ŋ³⁵] 唔 —— 198
16.2.2 [ŋ³⁵] 唔 ... [mau³⁵] 冇 —— 199
16.2.3 [mau³⁵] 冇 ... [mau³⁵] 冇 —— 199
16.2.4 [ŋ³⁵] 唔 ... [ŋ³⁵] 唔 —— 199
16.3 Negative indefinite pronouns —— 199
16.4 Negation morphemes interacting with complements —— 200
16.5 Negation morphemes interacting with aspect —— 202
16.5.1 Negation morpheme and the experiential aspect —— 202
16.5.2 Negation morpheme and the progressive aspect —— 203
16.5.3 Negation morpheme and the durative aspect —— 203
16.5.4 Change of state —— 204
16.6 Negation morphemes interacting with modal verbs and quasi-modals —— 204
16.6.1 ‘Preference’ verbs —— 204
16.6.2 ‘Judgment’ verbs —— 205
16.6.3 ‘Wish’ verbs —— 206
16.6.4 ‘Ability’ modal verbs —— 206
16.6.5 ‘Request’ modal verbs —— 207
16.6.6 ‘Permission’ modal verbs —— 207
16.6.7 ‘Possibility’ modal verbs —— 208
16.6.8 ‘Necessity’ modal verbs —— 209
16.7 Discourse attributes by different negative constructions —— 210
16.7.1 Attenuation of a statement —— 210
16.7.2 Implicature involving double negation —— 211
16.7.3 Attenuation or emphasis involving double negation —— 211
16.8 Summary —— 211

Chapter 17
Modality, modal auxiliaries and their syntax —— 213
17.1 Modal auxiliary verbs —— 215
17.1.1 Modal auxiliary verbs expressing ability —— 216
17.1.2 Modal auxiliary verbs expressing volition —— 217
17.1.3 Modal auxiliary verbs expressing epistemic possibility —— 218
17.1.4 Modal auxiliary verbs expressing permission —— 221
17.1.5 Modal auxiliary verbs expressing necessity —— 222
17.1.6 Modal auxiliary verbs expressing obligation —— 223
17.1.7 Modal auxiliary verbs expressing prohibition —— 224
17.2 Modal adverbs —— 225
17.2.1 [f³⁵]tʰin³⁵] 一定 ‘must’ —— 225
17.2.2 [tʰai²⁵]kʰai²¹³] 大概 ‘probably’ —— 225
17.2.3 [ʋi²¹³] 畏 and [kʰun⁵⁵pʰa²¹³] 恐怕 ‘likely’ —— 226
17.3 Modal particles —— 227
17.3.1 Modal particle [le²²] 叻 to express obviousness —— 227
17.3.2 Modal particle [ɔ⁰] 哦 to express factuality of a statement —— 228
17.3.3 Modal particle [ne²²] 呢 to convey new information —— 228
17.4 Modal tag as an expression of opinion or after-thought —— 229
17.5 Potential verb complement marker [tie⁵³] 得 —— 229
17.6 Intonation —— 229
17.7 Summary —— 230

Chapter 18
Postverbal complements of manner, extent and degree and their markers —— 231
18.1 Manner complements —— 231
18.1.1 [SUBJ + V + VCM + MANNER] —— 232
18.1.2 [SUBJ + V + O + V + VCM + MANNER] —— 232
18.1.3 With object-marking construction —— 233
18.1.4 With negation —— 234
18.2 Extent complements —— 234
18.2.1 [SUBJ + V + VCM + EXTENT] —— 235
18.2.2 [V + VCM + SUBJ + EXTENT] —— 235
18.2.3 [SUBJ + V + O + V + VCM + EXTENT] —— 236
18.2.4 With object marking construction —— 236
18.2.5 With passive construction —— 237
18.3 Degree complements —— 237
18.3.1 [SUBJ + V + [VCM + DEGREE]] —— 238
18.3.2 [SUBJ + V + OBJ + V + [VCM + DEGREE]] —— 238
18.4 Summary —— 240

Chapter 19
Postverbal complements and compounds of result, direction and potentiality —— 241
19.1 Resultative complements and compounds —— 242
19.1.1 Resultative complements —— 243
19.1.2 Resultative compounds —— 246
19.2 Directional verb complements and compounds —— 249
19.2.1 Directional verb compounds —— 251
19.2.2 Negation and directional verbs or compounds —— 254
19.2.3 Object-marking construction with directional compounds —— 255
19.2.4 Aspect marking with directional compounds —— 255
Chapter 20
Aspectual system — 264

20.1 The perfective aspect — 264

20.1.1 Terminative perfective aspect and its marker [ə0] 了 — 267

20.1.2 Completive perfective aspect and its markers [viən22] 完 and [liəu55-22] 了 — 271

20.1.3 Interim summary — 275

20.2 The experiential aspect — 275

20.2.1 The experiential marker [thɔ35] 度 — 276

20.2.2 Negating the experiential aspect — 277

20.2.3 Interim summary — 278

20.3 The inchoative aspect — 278

20.3.1 SFP [ə0] 了 as inchoative marker for stative verbs — 279

20.3.2 Use of the inchoative marker [khi55li22] 起来 for dynamic verbs — 279

20.3.3 Use of the inchoative marker [xa35-55li22] 下来 to denote a decrease in degree — 281

20.3.4 Interim summary — 281

20.4 The progressive aspect — 281


20.4.2 Progressive marker [tɔ22lɔŋ22] 〇〇当中 — 283

20.4.3 Progressive marker [ken55] 〇 — 284

20.4.4 Interim summary — 285

20.5 The continuative aspect — 285

20.5.1 Continuative marker [xa35-55kho213-21] 下去 and its constructions — 286

20.5.2 Interim summary — 288

20.6 The durative aspect — 288

20.6.1 Durative marker [tau213-21-55] 到 — 289

20.6.2 Durative marker [thiɔ35] 着 — 291

20.6.3 Interim summary — 291

20.7 The delimitative aspect — 292

20.8 The tentative aspect — 294

20.9 Summary — 295
## Part IV: Clausal structure

### Chapter 21

**Topic-comment sentence constructions —— 301**

21.1 Framing topics —— 302

21.2 Patient topicalisation —— 305

21.3 Double subject constructions —— 307

21.4 Summary —— 308

### Chapter 22

**Structures of comparison —— 309**

22.1 Comparative constructions —— 309

22.1.1 Comparative schemas —— 309

22.1.2 Interim summary —— 320

22.2 Superlative constructions —— 320

22.2.1 Superlative markers in Shaowu —— 321

22.2.2 Interim summary —— 324

22.3 Equative constructions —— 324

22.3.1 PRED is an adjective —— 325

22.3.2 PRED has a copula and an NP —— 326

22.3.3 PRED followed by an adverbial complement —— 327

22.3.4 With verbs of volition —— 328

22.3.5 Equative constructions involving other conjunctions —— 328

22.3.6 Interim summary —— 330

22.4 Summary —— 331

### Chapter 23

**Multifunctional morpheme \([\text{拼音}21] 帮\) and its grammaticalisation pathways —— 332**

23.1 As a lexical verb \([\text{SUBJ} + [\text{拼音}21] 帮 + \text{OBJ}]\) —— 332

23.2 As a comitative marker ‘with’ in \([\text{NP}_A + \text{COMT} + \text{NP}_B + \text{VP}]\) —— 333

23.3 As a coordinative conjunction ‘and’ \([\text{NP}_A + \text{CONJ} + \text{NP}_B]\) —— 334

23.4 As a benefactive marker ‘for’ in \([\text{SUBJ} + \text{BEN} + \text{OBL} + \text{VP}]\) —— 335

23.5 As a malefactive marker in \([\text{SUBJ} + \text{MAL} + \text{OBL} + \text{VP}]\) —— 336

23.6 As a dative marker ‘to’ in \([\text{SUBJ} + \text{DAT} + \text{IO} + \text{V} + \text{DO}]\) —— 337

23.7 As an object marker \([\text{SUBJ} + \text{OM} + \text{OBJ} + \text{VP}]\) —— 338

23.8 Paths of grammaticalisation of the multifunctional \([\text{拼音}21] 帮\) —— 339

23.8.1 Grammaticalisation pathway (A) —— 339

23.8.2 Grammaticalisation pathway (B) —— 340

23.9 Summary —— 341
Chapter 24

Benefactive constructions —— 342

24.1 Benefactive usage —— 343
24.1.1 Morpheme [pɔŋ 21] 帮 as the benefactive marker —— 343
24.1.2 Negation test on [pɔŋ 21] 帮 —— 344
24.1.3 Aspect test on [pɔŋ 21] 帮 —— 345
24.2 ‘Proxy’ usage —— 346
24.3 Malefactive usage —— 346
24.4 Summary —— 347

Chapter 25

Object-marking constructions —— 348

25.1 Morphemes [na 22] 拿 and [pɔŋ 21] 帮 as lexical verbs —— 350
25.2 Morphemes [na 22] 拿 and [pɔŋ 21] 帮 as object markers —— 351
25.3 Animacy and definiteness of the grammatical object —— 351
25.3.1 Inanimate and definite grammatical object —— 352
25.3.2 Inanimate and indefinite grammatical object —— 352
25.3.3 Animate and indefinite grammatical object —— 352
25.3.4 Animate and definite grammatical object —— 352
25.4 Shaowu object-marking (OM) construction types —— 353
25.4.1 The common object-marking construction —— 353
25.4.2 OM construction with a resumptive pronoun —— 355
25.5 Types of verbal complements in VPs of OM constructions —— 356
25.5.1 OM + OBJ + V + resultative verb compound —— 357
25.5.2 OM + OBJ + V + potential complement —— 360
25.5.3 OM + OBJ + V + directional compound —— 361
25.5.4 OM + OBJ + V + locative complement —— 363
25.5.5 OM + OBJ + V + aspect markers —— 365
25.5.6 OM constructions involving “part/whole” phrases —— 366
25.5.7 OM constructions involving double objects (direct and indirect objects) —— 367
25.6 Verbs that cannot appear in Shaowu OM constructions —— 368
25.7 Negating OM constructions —— 369
25.8 Summary —— 372

Chapter 26

Multifunctional morpheme [tie 53] 得 and its grammaticalisation pathways —— 373

26.1 The origin of the morpheme [tie 53] 得 —— 373
26.2 The polysemy of the morpheme [tie 53] 得 —— 374
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.2.1</td>
<td>The lexical verb [tie³³] 得 ‘to get’ —— 374</td>
</tr>
<tr>
<td>26.2.2</td>
<td>[tie³³] 得 as adjective ‘ready’ —— 375</td>
</tr>
<tr>
<td>26.2.3</td>
<td>[tie³³] 得 as possibility modal suffix —— 376</td>
</tr>
<tr>
<td>26.2.4</td>
<td>[tie³³] 得 as permission modal suffix —— 376</td>
</tr>
<tr>
<td>26.2.5</td>
<td>[tie³³] 得 as resultative complement marker —— 377</td>
</tr>
<tr>
<td>26.2.6</td>
<td>[tie³³] 得 as extent complement marker —— 377</td>
</tr>
<tr>
<td>26.2.7</td>
<td>[tie³³] 得 as manner complement marker —— 378</td>
</tr>
<tr>
<td>26.2.8</td>
<td>[tie³³] 得 as directional complement marker —— 378</td>
</tr>
<tr>
<td>26.2.9</td>
<td>[tie³³] 得 as locative complement marker —— 378</td>
</tr>
<tr>
<td>26.3</td>
<td>From GET to GIVE —— 379</td>
</tr>
<tr>
<td>26.3.1</td>
<td>[tie³³] 得 as the lexical verb ‘to give’ —— 379</td>
</tr>
<tr>
<td>26.3.2</td>
<td>[tie³³] 得 as benefactive and purposive marker —— 380</td>
</tr>
<tr>
<td>26.3.3</td>
<td>[tie³³] 得 as dative marker —— 381</td>
</tr>
<tr>
<td>26.3.4</td>
<td>[tie³³] 得 as ‘concern’ marker —— 381</td>
</tr>
<tr>
<td>26.3.5</td>
<td>[tie³³] 得 as causative verbs —— 382</td>
</tr>
<tr>
<td>26.3.6</td>
<td>[tie³³] 得 as passive marker —— 383</td>
</tr>
<tr>
<td>26.4</td>
<td>Grammaticalisation pathways of the morpheme [tie³³] 得 —— 384</td>
</tr>
<tr>
<td>26.4.1</td>
<td>The GET grammaticalisation pathway —— 384</td>
</tr>
<tr>
<td>26.4.2</td>
<td>The GIVE grammaticalisation pathway —— 385</td>
</tr>
<tr>
<td>26.5</td>
<td>Summary —— 385</td>
</tr>
</tbody>
</table>

**Chapter 27**

**Ditransitive constructions —— 387**

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.1</td>
<td>Ditransitive construction types in Shaowu —— 388</td>
</tr>
<tr>
<td>27.1.1</td>
<td>Double object construction Type A [SUBJ + V + IO + DO] —— 389</td>
</tr>
<tr>
<td>27.1.2</td>
<td>Type A prepositional dative construction [SUBJ + V + DO + [tie³³] + IO] —— 390</td>
</tr>
<tr>
<td>27.1.3</td>
<td>Derived double object construction [SUBJ + V + [tie³³] + IO + DO] —— 391</td>
</tr>
<tr>
<td>27.1.4</td>
<td>Object-marking prepositional dative construction [SUBJ + OM[na²²] + DO + V + [tie³³] + IO] —— 392</td>
</tr>
<tr>
<td>27.1.5</td>
<td>Topicalisation of the direct object in ditransitive constructions —— 393</td>
</tr>
<tr>
<td>27.1.6</td>
<td>Dative markers [tie³³] 得 and [pɔŋ²¹] 帮 —— 393</td>
</tr>
<tr>
<td>27.2</td>
<td>Verb categories in ditransitive constructions —— 395</td>
</tr>
<tr>
<td>27.2.1</td>
<td>‘Give’ type ditransitive verbs —— 395</td>
</tr>
<tr>
<td>27.2.2</td>
<td>Pseudo ‘Give’ type ditransitive verbs —— 397</td>
</tr>
<tr>
<td>27.2.3</td>
<td>‘Deprive’ type ditransitive verbs —— 401</td>
</tr>
<tr>
<td>27.2.4</td>
<td>Pseudo ‘Acquire’ type ditransitive verbs —— 403</td>
</tr>
<tr>
<td>27.2.5</td>
<td>‘Make’ type ditransitive verbs —— 405</td>
</tr>
</tbody>
</table>
27.3 Type B prepositional dative ditransitive construction vs benefactive construction — 407
27.4 Summary — 408

Chapter 28
Passive constructions — 410
28.1 Shaowu passive markers and their constructions — 411
28.1.1 Passive marker [tie\textsuperscript{53}] 得 — 411
28.1.2 Passive marker [ni\textsuperscript{213}] 让 — 412
28.1.3 Passive markers [kiau\textsuperscript{213}] 叫 and [xan\textsuperscript{213}] 喊 — 412
28.1.4 Passive markers [t\textsuperscript{h\textsuperscript{55-22}}] 讨 — 413
28.2 Verb categories in passive constructions — 415
28.3 Predicate types in passives — 416
28.3.1 Predicate with perfective aspect marker — 417
28.3.2 Predicate with imperfective aspect marker — 418
28.3.3 Predicate with resultative or directional verb compounds — 418
28.3.4 Predicate with the complement marker DE + resultative/extent complement — 419
28.3.5 Modal verbs in the passive construction — 420
28.3.6 Adverbs in the passive construction — 420
28.3.7 Imperatives and passive constructions — 420
28.3.8 Extra NPs in passive constructions — 421
28.3.9 Locative expressions and passive constructions — 421
28.3.10 Passive constructions in relative clauses — 422
28.4 Negation in passive constructions — 422
28.5 Passive and non-adversity — 423
28.6 Agentful versus agentless Shaowu passives — 424
28.7 Summary — 425

Chapter 29
Causative constructions — 426
29.1 Permissive ‘let’ type of causative — 428
29.1.1 ‘Let’ permissive causative verb [ni\textsuperscript{213}] 让 — 428
29.1.2 ‘Let’ permissive causative verb [t\textsuperscript{h\textsuperscript{55-22}}] 讨 — 429
29.1.3 ‘Let’ permissive causative verb [tie\textsuperscript{53}] 得 — 430
29.2 Directive ‘make’ type of causative — 431
29.2.1 Make’ directive causative verb [kiau\textsuperscript{213}] 叫 — 431
29.2.2 ‘Make’ directive causative verb [xan\textsuperscript{213}] 喊 — 432
29.3 Unintentional experiencer type of causative — 432
29.3.1 Unintentional causative verb [ni\textsuperscript{213}] 让 — 432
29.3.2 Agentless causative verb [tie⁵³] 得 —— 433
29.4 Predicate types in causative constructions —— 433
29.4.1 Causative constructions involving predicates with perfective aspect —— 434
29.4.2 Causative constructions involving predicates with imperfective —— 434
29.4.3 Causative constructions involving predicates with locative phrases —— 435
29.4.4 Causative constructions involving predicates with verb compounds —— 435
29.4.5 Causative constructions involving extra objects —— 436
29.4.6 Causative constructions involving negation —— 437
29.4.7 Causative constructions involving modality —— 438
29.5 Summary —— 438

Chapter 30
Existential and identity constructions —— 439
30.1 Canonical existential constructions involving [iɔu⁵⁵] 有 —— 441
30.1.1 Temporal/locational phrase + [iɔu⁵⁵] 有 + NP —— 441
30.1.2 [iɔu⁵⁵] 有 + NP + V + LOC/COMP/ASP (+ Location) —— 442
30.1.3 Temporal/locational phrase + [iɔu⁵⁵] 有 + NP + VP —— 443
30.1.4 Conditional sentences with existential constructions involving [iɔu⁵⁵] 有 —— 444
30.1.5 Negation of existential constructions involving [iɔu⁵⁵] 有 —— 445
30.1.6 Universal quantifiers and existential constructions —— 446
30.2 Non-canonical existential verbs [tʰu⁵⁵-3⁵] 处 ‘be.at’ and [ɕi⁵⁵] 是 ‘to be’ —— 446
30.2.1 Existential verb [tʰu⁵⁵-3⁵] 处 —— 447
30.2.2 Existential verb [ɕi⁵⁵-2²] 是 —— 447
30.3 Summary —— 448

Chapter 31
Copular constructions —— 449
31.1 Predicational use with the copular verb [ɕi⁵⁵] 是 —— 450
31.2 Specificational use with the copular verb [ɕi⁵⁵] 是 —— 452
31.3 Identificational use of the copular verb is [ɕi⁵⁵] 是 —— 453
31.4 Equational use with the copular verb [ɕi⁵⁵] 是 —— 453
31.5 Question formation involving the copular verb [ɕi⁵⁵] 是 —— 454
31.6 Emphatic construction with [ɕi⁵⁵-2²] 是 and clause-final [kəi²¹³] 个 —— 455
31.7 Summary —— 457
Chapter 32
Locative constructions — 458
32.1 Type Ib Locative construction with locative verb [tʰu55] 处 —— 458
32.1.1 Interrogative locative constructions [NP_SUBJ + V_LOC
+ NP_INTG] —— 459
32.1.2 Locative constructions [SUBJ + LOC + PLACE + PRED] —— 459
32.1.3 Locative constructions with object marker
[SUBJ + OM + OBJ + V + LOC + PLACE] —— 460
32.1.4 Elision of the locative marker [tʰu55~35] 处 —— 460
32.2 Type IIIa Locative construction with postural verbs —— 461
32.3 Type IV Locative constructions with complement
marker [tie53] 得 —— 461
32.3.1 Selectiveness of Type IV locative constructions [SUBJ + V + VCM + PLACE] —— 462
32.3.2 Juxtaposition of construction types Ib and IV —— 463
32.4 Topicalisation of the locative phrase —— 464
32.5 Consecutive locative phrases —— 465
32.6 Summary —— 465

Chapter 33
Interrogative structures: Polar, disjunctive and content questions —— 466
33.1 Polar questions —— 467
33.1.1 Polar [V(P) + NEG + V(P)] questions —— 467
33.1.2 Polar [ADJ + NEG + ADJ] questions —— 469
33.1.3 Polar [COP + NEG + COP] questions —— 470
33.1.4 Polar [EXST + NEG + EXST] questions —— 471
33.1.5 Polar [LOC + NEG + LOC] questions —— 472
33.1.6 Polar [AUX + NEG + AUX] questions —— 472
33.1.7 Polar questions with potential complements —— 474
33.1.8 Polar questions with aspect —— 475
33.1.9 Polar questions with adverbs —— 476
33.1.10 Polar questions with comparatives —— 477
33.1.11 Polar questions with prepositions —— 477
33.1.12 Polar questions with VPs —— 478
33.2 Disjunctive questions —— 479
33.2.1 Disjunctive clauses with the same subject —— 479
33.2.2 Disjunctive clauses with different subjects —— 479
33.2.3 Bare disjunctive questions —— 480
33.3 Question tags —— 481
33.3.1 Affirmative tag [ɕi55mɔ0] 是么 in a negative sentence —— 481
33.3.2 Negative tag [mau⁵³ɕi⁵⁵] 冇是 in an affirmative sentence — 482
33.4 Question formation with question particles — 482
33.5 Question making by intonation — 483
33.6 Content questions with interrogative pronouns — 484
  33.6.1 Who — 485
  33.6.2 What — 485
  33.6.3 Which — 486
  33.6.4 How — 487
  33.6.5 Where — 488
  33.6.6 When — 488
  33.6.7 How many/how much — 489
  33.6.8 How + adjective — 490
  33.6.9 Why — 492
33.7 Summary — 493

Chapter 34
Imperatives and other moods — 494
  34.1 Imperatives — 495
    34.1.1 Affirmative imperatives — 495
    34.1.2 Negative imperatives — 497
  34.2 Hortatives — 499
    34.2.1 Cohortatives — 499
    34.2.2 Auto-hortatives — 500
    34.2.3 Third-party hortatives — 501
  34.3 Optatives — 501
  34.4 Exclamatives — 502
  34.5 Summary — 502

Chapter 35
Clause-final particles — 504
  35.1 Coding of speech-act types — 505
    35.1.1 Assertives — 505
    35.1.2 Interrogatives — 506
    35.1.3 Imperatives, hortatives and exclamatives — 506
  35.2 Coding of aspect, modality, evidentiality and mirativity — 507
    35.2.1 Aspect: currently relevant state (CRS) — 507
    35.2.2 Modality — 508
    35.2.3 Evidentiality — 509
    35.2.4 Mirativity — 511
  35.3 Discourse functions — 512
Part V: Complex sentences & clause combining

Chapter 36
Coordination — 525
36.1 Conjunctive coordination — 525
36.1.1 Types of conjunctive coordination — 525
36.2 Disjunctive coordination — 533
36.2.1 Types of disjunctive coordination — 533
36.3 Adversative coordination — 539
36.4 Summary — 540

Chapter 37
Subordination — 541
37.1 Types of subordination — 542
37.1.1 Paratactic subordination — 542
37.1.2 Hypotactic subordination — 543

Chapter 38
Temporal subordination of simultaneity and sequentiality — 545
38.1 Temporal subordination of simultaneity — 545
38.1.1 Temporal subordination of simultaneity vs temporal coordination of simultaneity — 545
38.1.2 Using the temporal marker . . . [(kə)ɕi22kan21] (个) time ‘at the time of’ — 547
38.1.3 Using the temporal marker . . . [(kə)ɕi22xəu213] (个) time ‘at the moment of’ — 547
38.1.4 Using the temporal marker . . . [kətɔ22lɔŋ22] (个) middle ‘while’, ‘in the middle of’ — 547
38.1.5 Using the temporal marker . . . [kəti55-22xəu21] (个) time ‘during’ — 548
38.2 Temporal subordination of sequentiality — 548
38.2.1 Zero-marked temporal subordination of sequentiality — 549
38.2.2 Temporal markers for subordination of sequentiality — 549
38.3 Summary — 552

Chapter 39
Causal constructions — 553
39.1 Zero-marked causal constructions — 553
39.2 Overt markers of cause and consequence in complex sentences — 554
39.2.1 Composite cause-consequence markers [in²¹œî²¹³] 因为 ‘because’ . . . [sû³⁵s³⁵-²²] 所以 ‘therefore’ — 554
39.2.2 Composite cause-consequence markers [in²¹œî²¹³] 因为 ‘because’ . . . [tsiou²¹³] 就 ‘then’ — 555
39.2.3 Composite cause-consequence markers [in²¹œî²¹³] 因为 ‘because’ . . . [ku²¹³sö³⁵] 故使 ‘as a result’ — 556
39.2.4 Composite cause-consequence [ki²¹³ . . . ien²²] 既然 ‘given that’ . . . [tsiou²¹³] 就 ‘then’ — 557
39.2.5 Consequence marker [ai²¹³ɕi³⁵] 还是 ‘therefore’ — 558
39.2.6 Clause-final particle [le²²] 叻 as causal marker — 558
39.3 Summary — 560

Chapter 40
Conditional constructions — 562
40.1 Coding the conditional through parataxis — 563
40.2 Coding the conditional through hypotaxis — 564
40.2.1 If-conditionals [ka³⁵⁻³⁵sö³⁵-²²] 假使 / [y²²kù³⁵⁻²²] 如果 ‘if’ — 564
40.2.2 The emphatic even if-conditionals [tsiou²¹³ɕi³⁵] 就是 ‘even if’ . . . [ia³⁵] 也 ‘still’ — 567
40.2.3 If-conditionals [iau²¹³ɕi³⁵] 要是 ‘if’ . . . [tsiou²¹³] 就 ‘then’ — 567
40.2.4 Unless-conditionals [th⁰y²²fei²¹³] 除非 ‘unless’ . . . [f³⁵tsö³³] 否则 / [peï³³ien²²] 不然 ‘otherwise’ and [th⁰y²²fei²¹³] 除非 ‘unless’ . . . [tsai²²] 才 ‘only then’ — 568
40.2.5 Only if/when-conditionals [ni³³nuŋ³³] 只要 ‘only if’ ‘only when’ . . . [tsiou²¹³] 就 ‘then’ — 570
40.3 Summary — 571
Chapter 41
Concessive constructions — 573
41.1 Parataxis (zero-marking) — 573
41.2 Hypotaxis — 574
41.2.1 Concessive markers [sei\textsuperscript{22}tien\textsuperscript{22}] 虽然 ‘although’ . . . [pei\textsuperscript{53}ku\textsuperscript{213}] 不过 ‘but’ / [t\textsuperscript{h}an\textsuperscript{213}ci\textsuperscript{55}] 但是 ‘but’ — 575
41.2.2 Composite concessive markers [thin\textsuperscript{213}ku\textsuperscript{55}] 尽管 ‘despite’ . . . [t\textsuperscript{h}an\textsuperscript{213}ci\textsuperscript{55}] 但是 ‘but’ / [ai\textsuperscript{213}ci\textsuperscript{55}] 还是 ‘still’ — 576
41.2.3 Composite concessive markers [tsiou\textsuperscript{213}ci\textsuperscript{55}] 就是 ‘even though’ . . . [ia\textsuperscript{55}] 也 ‘still’ — 577
41.2.4 Concessive markers [ai\textsuperscript{213}] 还 ‘still’, ‘yet’ — 577
41.2.5 Emphatic concessive markers [ai\textsuperscript{213}] 还 ‘even’ . . . [tsiou\textsuperscript{213}] 就 ‘however’ — 578
41.2.6 Emphatic concessive markers [ai\textsuperscript{213}xau\textsuperscript{55}] 还好 ‘luckily it is not the case that . . . ’ — 578
41.2.7 Concessive marking by repeating the predicate in the concessive subordinate clause, using the emphatic copula ‘be’ [ci\textsuperscript{55}] 是 ‘It is indeed the case that . . . ’ — 579
41.2.8 Emphatic concessive marker [fan\textsuperscript{55}tchin\textsuperscript{213}] 反正 and [fan\textsuperscript{53}t\textsuperscript{h}ə\textsuperscript{35}] 横直 ‘in any case’ — 579
41.3 Summary — 580

Chapter 42
Purposive constructions — 582
42.1 Serial verb construction as a means to construct purposive sentences — 582
42.2 Insertion of the verb ‘to go’ [k\textsuperscript{h}ɔ\textsuperscript{213–21}] 去 — 582
42.3 Purposive ‘in order to’ markers in a hypotactic purposive construction — 583
42.3.1 Purposive marker [tsiou\textsuperscript{213}ci\textsuperscript{22}] 就是 ‘in order to’ — 583
42.3.2 Purposive marker [vei\textsuperscript{213}liau\textsuperscript{55}] 为了 ‘in order to’ — 584
42.4 Purposive ‘in order not to’ markers in a hypotactic purposive construction — 584
42.4.1 Purposive marker [ui\textsuperscript{213}] 畏 ‘so as not to’ — 585
42.4.2 Purposive marker [mien\textsuperscript{55}tie\textsuperscript{53}] 免得 ‘so as not to’ — 586
42.5 Summary — 587
Chapter 43
Other types of complementation in complex sentences — 588
43.1 ‘Rather A than B’ and ‘rather than A, B is better’ option constructions — 588
43.1.1 ‘Rather A and not B’ preferred option construction using [ni35ta55]宁〇...[ia55]也唔解 — 588
43.1.2 ‘Rather than A, B is better’ option constructions using [y22khi22]与其...[ai213pei53y22] (还)不如 — 589
43.2 ‘A, not B’ and ‘not A, but B’ constructions — 590
43.2.1 By parataxis — 590
43.2.2 By hypotaxis — 590
43.3 The ‘more...more’ intensification construction — 591
43.4 Subordination by the complementizer [ua35]话‘that’ (< say) — 592
43.4.1 Verbum dicendi [ua35]话 as subordinating conjunction ‘that’ — 593
43.5 Relative clauses — 594
43.6 Summary — 595

Chapter 44
Co-subordination — 596

Chapter 45
Conclusion — 598
45.1 General remarks and specific observations — 598
45.2 Limitations and further research — 602

Part VI: Lexicon

Chapter 46
Mini lexicon — 607

Part VII: Transcription samples

A children’s song — 635
Shaowu, the Iron City — 636
Shaowu and its geography — 639