CONTENTS

Acknowledgements xi

Figures and tables xiii

Abbreviations and symbols xvii

Introduction 1

The instruction of tense 1
Preview of the chapters 3
Recurring themes and terminological issues 4

1 Tense and linguistics 9

1.1 Introduction 9
1.2 Defining tense 9
1.3 Conceptualizing tense 20
  1.3.1 Linguistic time in English 20
  1.3.2 Relative tense: The expression of tense relations within a domain 22
1.4 Locating bygone situations: The past and present perfect from a crosslinguistic perspective 23
  1.4.1 The past and present perfect in English 23
  1.4.2 The past and present perfect in Dutch 29
1.5 Conclusion 35

2 Tense and complexity 39

2.1 Introduction 39
2.2 Operationalizing temporal SLA verb-phrase complexity 40
2.3 Complexity: A multifaceted concept 42
  2.3.1 Linguistic complexity 42
    2.3.1.1 Absolute versus relative linguistic complexity 44
    2.3.1.2 Global versus local linguistic complexity 46
  2.3.2 Complexity in SLA research 47
    2.3.2.1 Complexity as a dependent or independent variable 47
    2.3.2.2 The absolute–relative linguistic complexity distinction applied in SLA research 50
  2.3.2.3 Complexity and the acquisition of L2 mappings 51
2.4 Relative, objective and psycholinguistic temporal SLA complexity and the English verb phrase
   2.4.1 Introduction 53
   2.4.2 The complex L2 target features under investigation 54
   2.4.3 Form-related complexity 58
   2.4.4 Meaning-related and use-related complexity 65
   2.4.5 Mapping-related complexity 66
   2.4.6 Crosslinguistic influence and outcome measure complexity as complexity-inducing factors 74

2.5 Conclusion 79

3 Tense and instructed SLA 81
   3.1 Introduction 81
   3.2 Investigating the L2 acquisition of temporal expression 82
      3.2.1 Early investigations into temporal expression 82
      3.2.2 The form-oriented approach 83
      3.2.3 The meaning-oriented approach 85
      3.2.4 Comparing form-oriented and meaning-oriented approaches 90
   3.3 Conceptualizing form-focused instruction 95
      3.3.1 A conceptual framework for operationalizing form-focused instruction research 96
         3.3.1.1 Focus on form/focus on forms 96
         3.3.1.2 Questions raised in L2 type-of-instruction research 100
      3.3.2 The effects of practice-based instruction according to input processing and skill acquisition theory 101
         3.3.2.1 Input processing and processing instruction 101
         3.3.2.2 Skill acquisition theory 108
   3.4 Conclusion 113

4 Study 1 115
   4.1 Introduction 115
   4.2 Method 117
      4.2.1 Design 117
      4.2.2 Participants 118
      4.2.3 Apparatus and materials 122
         4.2.3.1 Apparatus 122
         4.2.3.2 Materials 122
      4.2.4 Procedure 133
      4.2.5 Coding and scoring 135
# CONTENTS

4.2.6 Statistical analyses 136  
4.2.7 Validity and reliability 137  
4.3 Quantitative results 137  
4.4 Conclusions and discussion 145  
4.5 Implications for quantitative data collection in Study 2 146  
4.6 Qualitative results 147  

## 5 Study 2 151

5.1 Introduction 151  
5.2 Method 152  
5.2.1 Design 152  
5.2.2 Participants 153  
5.2.3 Apparatus and materials 156  
5.2.3.1 Apparatus 156  
5.2.3.2 Materials 156  
5.2.4 Procedure 158  
5.2.5 Coding and scoring 159  
5.2.6 Statistical analyses 159  
5.2.7 Validity and reliability 161  
5.3 Results 160  
5.4 Conclusions and discussion 168  
5.5 Implications for quantitative data collection in Study 3 168  

## 6 Study 3 169

6.1 Introduction 169  
6.2 Method 171  
6.2.1 Design 171  
6.2.2 Participants 172  
6.2.3 Apparatus and materials 175  
6.2.3.1 Apparatus 175  
6.2.3.2 Materials 175  
6.2.4 Procedure 177  
6.2.5 Coding and scoring 177  
6.2.6 Statistical analyses 177  
6.2.7 Validity and reliability 178  
6.3 Results 178  
6.4 Conclusions and discussion 191
7 General discussion
  7.1 Introduction 193
  7.2 Summary of the findings 193
  7.3 Discussion of the findings 196
  7.4 Research strengths and limitations 202
  7.5 Implications for language pedagogy 206
  7.6 Suggestions for further research 207
  7.7 Conclusion 209

References 211

Appendix 227

Summary in Dutch 237

Summary in English 243

Curriculum vitae 249