

Table of Contents

1. Introduction	1
PART I: Developing a Functional Theory of Referential Processes	5
2. The Significance of Deixis for the Development of a Functional Theory of Reference	7
2.1. The Traditional Treatment of Deixis	8
2.2. The Treatment of Deixis in DIK	12
2.2.1. Deictic Elements as Represented in the Underlying Clause Structure	13
2.2.1.1. The Representation of Deictic Dimensions as Level 2 satellites	14
2.2.1.2. Deictic Expressions Represented as Level 1 structures	16
2.2.1.2.1. Predicate Operators	17
2.2.1.2.2. Level 1 satellites	18
2.2.1.3. The Nuclear Predication	20
2.2.1.3.1. Predicate Frames	20
2.2.1.3.2. Term Formation	23
2.2.2. Summary: Deictic Elements in DIK's Functional Grammar	27
2.3. Conclusion: The Significance of Deixis for the Development of a Functional Theory of Reference	28
3. The Development of a Functional Theory of Reference	29
3.1. Specificity and Genericity from a Functional Point of View	30
3.1.1. DIK's Interpretation of the Specificity- <i>vs.</i> Genericity-Opposition	31
3.1.1.1. DIK's View on the Relationship of +/-definite and Specificity <i>vs.</i> Genericity	32
3.1.1.2. A Basic Problem with DIK's Analysis	33
3.1.2. The Status of "s" and "g" as Operators	34
3.1.2.1. The "g"-Operator as a Variable?	34
3.1.2.2. The "s"/"g"-Distinction as a Function of the Predicate Frame and Higher Levels	35
3.1.3. "Free Interaction" of +/-definite and the Specific/Generic Distinction	38
3.1.4. Particularity <i>vs.</i> "Arbitrariness"	40
3.1.4.1. Inherently Definite Nominals Lacking Specific Reference	40
3.1.4.2. The Token/Type Distinction	41
3.1.4.3. Subdivisions of the Reference to Tokens	44

VIII

3.1.5. Summary: Specificity and Genericity from a Functional Point of View	46
3.2. Referential Processes as Functions of Semantic Operations	47
3.2.1. The +/-specificity-Distinction from a Functional Point of View	48
3.2.2. Marked Specification <i>vs.</i> Reference to Quantifiable Tokens	50
3.2.3. The Genericity of Predications <i>vs.</i> the "Genericity" of Individual Arguments	53
3.2.3.1. Subject-NPs in Generically "Referring" Predications	54
3.2.3.2. Generically "Referring" Noun Phrases in Verb Complements	60
3.2.4. Other Non-Verbal Predicate-Functions and Their Significance	63
3.2.4.1. Extending the Group of δ_1 -Operators: CLASSIFICATION	64
3.2.4.2. Possessive Predicates	69
3.3. Summary: A Functional Model of Referential Processes and Their Forms of Realization	72
PART II: Developing, Testing and Evaluating a Computer-based Teaching Programme on Article Usage in English	
4. The Development of a Self-Teaching Programme on the Topic "Article Use in English"	79
4.1. Specification of the Subject-matter	81
4.1.1. Error Analysis	81
4.1.1.1. Violation of UNIQUE	83
4.1.1.2. Non-verbal Predicates (Nominals): Violation of DIFFERENTIATION (DIFF) and MARKED SPECIFICATION	89
4.1.1.3. Violation of MARKED SPECIFICATION (MSPEC)	92
4.1.1.4. Violation of CLASSIFICATION (CLASSIF)	95
4.1.1.5. Non-verbal Predicates (Possessives): Absence of the Required Possessive Pronoun	97
4.1.1.6. Violation of DIFFERENTIATION (DIFF)	98
4.1.1.7. Other Sources of Error	99
4.1.2. Conclusion: Determining the Essential Subject-matter	99
4.2. Development, Testing and Evaluation of the Prototype: "Self-teaching Programme: Article Use in English"	101
4.2.1. The Project as Assessed by General Didactic and Methodological Aspects	102

4.2.1.1. Motivation for Developing a Self-teaching Programme	102
4.2.1.2. Choosing the Computer as Medium	103
4.2.1.3. Using Objective Methods for Measuring Language Proficiency	105
4.2.2. The Structure of the <i>coltec</i> -programme "Article"	108
4.2.2.1. The Formulation of the Tutorial Section's Content	110
4.2.2.1.1. "Introduction"	112
4.2.2.1.2. Introduction to the Programme and Table of Contents ("Main Menu")	112
4.2.2.1.3. "The Definite Article"	113
4.2.2.1.4. "The Indefinite Article"	114
4.2.2.1.5. "The Zero Article"	114
4.2.2.1.6. "Class Membership"	114
4.2.2.1.7. "(the only) ONE"	115
4.2.2.1.8. "Title"	115
4.2.2.1.9. "Concept <i>vs.</i> Sub-set Part I/Part II"	116
4.2.2.1.10. "Unique <i>vs.</i> Relative Position"	116
4.2.2.1.11. "Adverbial Specification <i>vs.</i> Adverbial Classification"	117
4.2.2.1.12. "Possessives"	117
4.2.2.2. The Organization of Content and Form in the Exercise Section	118
4.2.2.2.1. The Organization of Content	118
4.2.2.2.2. The Formal Organization of the Exercises	120
4.3. Testing the Prototype	124
4.4. Evaluation of the Results	126
4.4.1. Test Quality Criteria	126
4.4.2. Performance Level and Improvement in the Programme Participants	129
4.4.3. Evaluating the Teaching Programme on the Basis of the Statistical Interpretations of Individual Results (Item Analysis)	133
4.4.3.1. Correlations between the Individual Test Sections	134
4.4.3.2. Evaluating the Different Types of Exercises	135
4.5. Summary of the Results	137
5. Final Observations	138
Appendix: German Summary/Deutsche Zusammenfassung	141
Bibliography	153