

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	iii
ABSTRACT	v
LIST OF TABLES AND FIGURES	x
ABBREVIATIONS FOR BOOKS FREQUENTLY CITED	xi
PREFACE	xii
CHAPTER 1 AN INTRODUCTION TO CROSS-REFERENCE	1
0. Introduction	1
1. Sentencehood; Ambiguity	3
2. Referentials and Referends as Occurrences of Phrases	9
3. Reference and Cross-Reference	24
4. Metalinguistic Character of the Referential Relation	36
5. A Definition of Referential Relation	38
6. Agreement Phenomena	55
7. Anaphora and Epiphora	59
8. <u>Wh-</u> Proforms and the Definite Article	65
9. Referentials and Grammatical Categories	77
10. Referentials and Variables	84
11. Assertion	95
12. Summary	97
Footnotes to Chapter 1	99
CHAPTER 2 SCIENTIFIC SUBLANGUAGES	110
0. Introduction	110
1. Discourse and Scientific Sublanguages	111

2.	Methods of Analysis	123
3.	Results and Discussion	151
4.	Specifying the Immunology Sublanguage: Issues and Implications	161
5.	Summary	183
	Footnotes to Chapter 2	185
CHAPTER 3 PRELIMINARIES TO THE ANALYSIS		195
0.	Introduction	195
1.	The Text	195
2.	Tables and Figures	198
3.	Zero-Referentials in the "Influenzal Antibodies" Article	211
4.	Excluded from the Analysis	234
	Footnotes to Chapter 3	236
CHAPTER 4 ANALYSIS OF THE ARTICLE		240
0.	Introduction	240
1.	Notation, Adjustments, and Rules of Consequence	240
2.	Analysis of the Article	254
	Notes to the Analysis	308
CHAPTER 5 CROSS-REFERENCE: DISCUSSION OF THE RESULTS		391
0.	Introduction	391
1.	Status of the Definition of Cross- Reference	395
2.	Zero-Referentials: Results	399
3.	Classifier-Relations	403
4.	Epiphoric Cross-Reference	418

5. Cross-Reference and the Organization of the Article	438
6. Meta-Scientific Segments and Science- Language Sentences	454
Footnotes to Chapter 5	484
APPENDIX	490
BIBLIOGRAPHY	505
INDEX OF SUBJECTS	515
INDEX OF SYMBOLS AND CONVENTIONS	521

LIST OF TABLES AND FIGURES

		<u>page</u>
Table I	Relative Concentrations of Antibody in Lymphocyte-extract and Lymph-Supernate. (reprinted from Article in Appendix, p. 492)	201
Table II	Range of Individual Variation in Titer of the Specimens Tested in the Early Days after Injection of Antigen. (reprinted from Article in Appendix, p. 500)	205
Figure 1	Geometric Mean Antibody-titers of Lymph, Lymphnode-extract and Serum at Various Intervals following the Injection of Inactivated Influenzal Virus into the Foot-pad. (reprinted from Article in Appendix, p. 496)	208
Figure 2	Antibody-titers to Homologous and Heterologous Strains of Influenzal Virus in both Popliteal Lymphnodes following the Injection of Serologically Distinct Strains of the Virus into the Respective Feet of each Rabbit: Comparison with Serum-titers. (reprinted from Article in Appendix, p. 498)	209
Figure 3	Similar Experiment to that shown in Fig. 2. (reprinted from Article in Appendix, p. 499)	210
Table III	"Repeated" Sentences -- Discussion Section.	452
Table IV	"Repeated" Sentences -- Summary Section.	453

ABBREVIATIONS FOR BOOKS FREQUENTLY CITED

- SL Zellig S. Harris, Structural Linguistics,
Chicago: University of Chicago Press, 1951.
- MSL Zellig S. Harris, Mathematical Structures
of Language, New York: Wiley Interscience,
1968.
- PSTL Zellig S. Harris, Papers in Structural and
Transformational Linguistics, Dordrecht:
D. Reidel, 1970.
- GEMP Zellig S. Harris, A Grammar of English on
Mathematical Principles, New York: Wiley
Interscience, 1982.
- FIS Zellig S. Harris, et al., The Form of
Information in Science: A Test Case in
Immunology (in press), Boston Studies in
the Philosophy of Science, Dordrecht:
D. Reidel.