

Table of Contents

TRANSLATOR'S INTRODUCTION.....	1
PREFACE TO THE ENGLISH EDITION	9
INTRODUCTION.....	15
CHAPTER I: PROBLEMATIC ASPECTS AND KEY ISSUES OF STRUCTURALISM	21
1 UNDERSTANDING 'STRUCTURE'	21
2 MAIN TRENDS IN STRUCTURALISM: A BRIEF REVIEW	27
2.1 <i>The aporia of organization in Kant's Critique of the Faculty of Teleological Judgement</i>	28
2.2 <i>Structuralism in Biology</i>	30
2.3 <i>Gestalt theory and phenomenology</i>	33
2.4 <i>The states of affairs (Sachverhalte)</i>	37
2.5 <i>Structuralism in Phonology (generalities)</i>	40
2.6 <i>Actantial structures and case-grammars (generalities)</i>	43
2.7 <i>Semio-narrative structures (generalities)</i>	46
3 THE PROBLEM OF FORMALIZING STRUCTURES	51
3.1 <i>The intrinsic limits of the formalist perspective</i>	51
3.2 <i>The topological a priori as the central theoretical problem of structuralism</i>	54
3.3 <i>Deleuze's proposal for a schematism of structure</i>	57
3.3.1 <i>The symbolic realm</i>	57
3.3.2 <i>The criterion of locality or of position</i>	58
3.3.3 <i>The differential and the singular dimensions</i>	59
3.3.4 <i>Differentiating and Differentiation</i>	60
3.3.5 <i>The serial function</i>	60
3.3.6 <i>The empty place</i>	61
3.3.7 <i>From the subject to practice</i>	62
4 THE NECESSITY FOR A MORPHOLOGICAL GEOMETRY	62
5 THE PRINCIPLES OF CATASTROPHE THEORY	64

<i>5.1 Phenomenology and objectivity.....</i>	65
<i>5.2 Four guiding principles.....</i>	66
<i>5.2.1 Phenomenological abduction.....</i>	66
<i>5.2.2 Ontological neutrality and phenomenological reduction</i>	67
<i>5.2.3 The independence from the substratum.....</i>	68
<i>5.2.4 Hylemorphism.....</i>	69
<i>5.3 CT as a mathematical phenomenology.....</i>	70
<i>5.4 Critique of logicism.....</i>	72
<i>5.4.1 Extensionality/Intensionality.....</i>	72
<i>5.4.2 Cinematics/Dynamics.....</i>	73
<i>5.5 Centrifugal dynamics.....</i>	74
<i>5.6 Phenomena as morphologies.....</i>	76
<i>5.7 The locality principle.....</i>	78
<i>5.8 Mathematics and reality.....</i>	79
CHAPTER II: CATEGORICAL PERCEPTION AND TOPOLOGICAL SYNTAX.....	81

1 PHONOLOGICAL CATEGORIZATIONS AS CRITICAL PHENOMENA	82
<i>1.1. Categorical perception.....</i>	82
<i>1.1.1. Definition.....</i>	82
<i>1.1.2 Function.....</i>	83
<i>1.1.3 General abstract situation.....</i>	84
<i>1.1.4 Examples.....</i>	84
<i>1.1.5 Specificity.....</i>	86
<i>1.1.6 Innateness.....</i>	87
<i>1.2 Conflicting Interpretations.....</i>	89
<i>1.2.1 The sensorial hypothesis</i>	89
<i>1.2.2 The reductionist hypothesis of feature-detectors</i>	89
<i>1.2.3 Criticism of the feature-detector hypothesis</i>	92
<i>1.2.4 The 'foundational aporia' of phonetics.....</i>	93
<i>1.2.5 The a priori of categorical perception and of paradigmatic categorization.....</i>	94
<i>1.2.6 Elements of catastrophist phonology</i>	96
a. Discontinuous internal features and continuous external features	97
b. The discretization condition.....	100

c.	The mathematics of phenomenological abduction.....	102
1.2.7	<i>Precatastrophic interpretations of categorical perception</i> ...	103
a.	Prototype models.....	103
b.	Precatastrophic models	104
1.3	<i>Principles of catastrophist modeling</i>	108
1.3.1	<i>The qualitative type</i>	109
1.3.2	<i>The criterion of structural stability</i>	110
1.3.3	<i>Genericity and transversality</i>	111
1.3.4	<i>Finite determination, universal unfoldings and transverse models</i>	111
1.3.5	<i>Degrees of instability and stratifications</i>	112
1.3.6	<i>Normal forms and the theorem of classification</i>	112
1.3.7	<i>Methodological rules for modeling</i>	113
1.4	<i>From the second to the first articulation of language</i>	113
2	ACTANTIAL SCHEMATISM	114
2.1	<i>Towards a pure 'etic' linguistics</i>	114
2.2	<i>Five limitations of the Chomskyan paradigm</i>	121
2.3	<i>The primacy of actantial relations</i>	125
2.4	<i>Actantial schematism and the localist hypothesis</i>	127
3	TESNIÈRE'S NOTION OF VERBAL VALENCE	128
3.1	<i>The graphical analogy of connection</i>	128
3.2	<i>The Stemmas</i>	130
3.3	<i>The principles of the Éléments</i>	131
3.4	<i>Verbal node and Valence</i>	133
4	THE GRAMMATICAL REDUCTION OF STRUCTURAL SYNTAX	134
4.1	<i>Criticism of the generativist evidence</i>	134
4.1.1	<i>Competence and performance</i>	134
4.1.2	<i>The inadequacy of rewriting rules</i>	136
4.1.3	<i>Remarks on the transformational theory</i>	137
4.2	<i>Case grammars</i>	139
4.2.1	<i>The basis for case theory</i>	139
4.2.2	<i>The difficulties of case grammars</i>	145
a.	Predicative and equative sentences	146
b.	The one-to-one selection of roles by cases	147
c.	The ambiguity of case forms.....	147
4.3	<i>John Anderson's localism</i>	148
4.3.1	<i>Multicase interpretation of roles</i>	149

4.3.2 <i>An aspect of the localist hypothesis</i>	150
4.3.3 <i>Localist grammars</i>	151
4.4 <i>Relational grammars</i>	152
4.4.1 <i>Basic hypothesis</i>	153
4.4.2 <i>Transformations and Relational hierarchy</i>	154
4.4.3 <i>Grammatical relations and actantial schemas</i>	160
4.5 <i>The symbolic misunderstanding of valence</i>	161
5 THE SCENIC CONCEPTION OF CASE ROLES AND THE MORPHODYNAMICAL SCHEMATISM	163
5.1 <i>The distribution of actantial semantism</i>	163
5.2 <i>The relativization of case roles to scenes</i>	168
5.3 <i>Towards the localist hypothesis</i>	172
5.4 <i>Structural Syntax and Catastrophes</i>	173
6 THE LOCALIST HYPOTHESIS	180
6.1 <i>The history of the LH</i>	180
6.2 <i>The LH and the spatial conception</i>	184
6.3 <i>The paralogism of La catégorie des cas</i>	186
CHAPTER III: SEMIO-NARRATIVE STRUCTURES	189
1 INTRODUCTION	189
2 THE SOURCES OF GREIMASIAN THEORY	194
3 PANORAMA OF GREIMASIAN THEORY	199
3.1 <i>The generative pathway</i>	200
3.2 <i>Fundamental semantics</i>	201
3.2.1 <i>The notion of seme</i>	201
3.2.2 <i>Semic categories</i>	202
3.2.3 <i>Nuclear semes, classemes, sememes, lexemes and isotopies</i>	203
3.3 <i>Fundamental syntax and the semiotic square</i>	208
3.3.1 <i>Semiotic 'prégnances' and the substance of content</i>	208
3.3.2 <i>The semiotic square</i>	209
3.3.3 <i>Logical inconsistency of the semiotic square</i>	212
3.3.4 <i>The aporia of privative opposition</i>	215
3.3.5 <i>The syntax of operations</i>	217
3.4 <i>Anthropomorphic syntax and the actantial theory</i>	219
3.4.1 <i>The conversion</i>	219

<i>3.4.2 Actants and the actantial model</i>	220
<i>3.4.3 The objects of value and their circulation</i>	224
<i>3.4.4 Narrative statements and programmes, tests, and polemical structure</i>	226
<i>3.4.5 Topological syntax and the syntax of operators</i>	232
<i>3.5 The gap between fundamental syntax and anthropomorphic syntax</i>	234
<i>3.6 Modalization and actantial roles</i>	235
<i>3.7 'Veridiction' and manipulation</i>	236
<i>3.8 Discursivization and figurativization</i>	238
<i>3.8.1 The function of nuclear semes: discursive configurations and themes</i>	239
<i>3.8.2 Thematic roles and actors</i>	240
<i>3.8.3 Figurativization</i>	241
<i>3.8.4 Spatio-temporal programing</i>	241
<i>3.9 The narrative schema</i>	243
4 PAUL RICOEUR'S OBSERVATIONS	244
5 SCHEMATIZATION OF THE UNDEFINABLES	253
<i>5.1 Greimasian epistemology</i>	253
<i>5.2 The undefinables as universals</i>	255
<i>5.3 The foundational aporia of the form of meaning</i>	257
<i>5.4 The 'dead core' of the theory and the necessity of schematization</i>	259
CONCLUSION	261
BIBLIOGRAPHY	265