

Preface	p. vii
Introduction	p. ix
Preliminary Explorations: What, Why, How?	p. 1
Remarks About the Program for a Formalized Epistemology	p. 3
Formalized Epistemology in a Philosophical Perspective	p. 9
Formalized Epistemology, Logic, and Grammar	p. 21
Epistemic Operations and Formalized Epistemology: Contribution to the Study of the Role of Epistemic Operations in Scientific Theories	p. 37
Mathematical Physics and Formalized Epistemology: Debate with Jean Petitot	p. 73
On the Possibility of a Formalized Epistemology	p. 103
Constructive Contributions	p. 107
Quantum Mechanics Versus a Method of Relativized Conceptualization	p. 109
Mathematical and Formalized Epistemologies	p. 309
Ago-Antagonistic Systems	p. 325
Further Explorations	p. 349
Complexity of the "Basic Unit" of Language: Some Parallels in Physics and Biology	p. 351
About the Emergence of Invariances in Physics: from "Substantial" Conservation to Formal Invariance	p. 369
Form and Actuality	p. 389
To Suspended Informal Time	p. 431
The Constructed Objectivity of the Mathematics and the Cognitive Subject	p. 433
On Complexity	p. 463
Biographical Notes	p. 487
Author and Subject Index	p. 491

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.