CONTENTS

Pre	face	7
Intr	oduction	
Par	t One: Preliminary Explorations: What, Why, How?	
1.	Remarks About the Program for a Formalized Epistemology Francis Bailly	
2.	Formalized Epistemology in a Philosophical Perspective Hervé Barreau	
3.	Formalized Epistemology, Logic, and Grammar Michel Bitbol	
4.	Epistemic Operations and Formalized Epistemology: Contribution to the Study of the Role of Epistemic Operations in Scientific Theories Michel Paty	
5.	Mathematical Physics and Formalized Epistemology: Debate with Jean Petitot Interlocutors: Francis Bailly, Michel Bitbol, Mioara Mugur-Schächter, Vincent Schächter	
6.	On the Possibility of a Formalized Epistemology Robert Valleée	1
Part	Two: Constructive Contributions	1
7.	Quantum Mechanics <i>Versus</i> a Method of Relativized Conceptualization <i>Mioara Mugur-Schächter</i>	1
8.	Mathematical and Formalized Epistemologies Robert Vallée	3
9.	Ago-Antagonistic Systems Élie Bernard-Weil	3

Part	Three: Further Explorations	349	
10.	Complexity of the "Basic Unit" of Language: Some Parallels in Physics and Biology Evelyne Andreewsky	351	
11.	About the Emergence of Invariances in Physics: from "Substantial" Conservation to Formal Invariance Francis Bailly	369	
12.	Form and Actuality Michel Bitbol	389	
13.	To Suspended Informal Time Michel Paty	431	
14.	The Constructed Objectivity of the Mathematics and the Cognitive Subject <i>Giuseppe Longo</i>	433	
15.	On Complexity Vincent Schächter	463	
App	Appendix: Biographical Notes		
Author and Subject Index			

vi