

Table of Contents

Arantzazu Saraxtaga Arregi and Fausto Fraisoipi: About the Project of the Yearbook for Philosophy of Complex Systems 7

COMPLEXITY, MODELING, NETWORKS

Fausto Fraisoipi: Introduction 11

Sara Franceschelli: The “Imaginary Organism” and Turing’s Delicate Art of Non-Linear Modelling 21

Philippe Huneman: Characterizing Network Explanations in Complex Systems: Patterns, Processes and Epistemic Values 47

Jean-Pierre Llored: Contributions of the Philosophy of Chemistry and Mesology to the Conceptual Analysis of Complexity 79

Alexis Boisseau and Paul-Antoine Miquel: Individuation, Adaptability and Cognition in Biological Systems: A Philosophical Modeling 107

Franck Varenne: Are Botanical Trees Graph-Theoretic Trees? The Ups and Downs of the Network Approach to Plant Growth 141

David Chavalarias: Misunderstandings About the Nature of Life and its Consequences on Societies 157

Jeremy Attard: Complexity and Epistemological Unity 171

Yves Meinard: Embarking Complexity in Environmental Management 195

FREE THEMATIC PAPERS

Edgar Morin: On Complexity Barcelona Lecture 1995 215

Art, Complexity and Uncertainty. A Conversation With David Familian 235

REVIEW

Wulff, Antje (2024): Merzkunst zwischen System und Chaos. Komplexität und Dynamik bei Kurt Schwitters (Arantzazu Saraxtaga Arregi) 249