

# Contents

## **Part I Theoretical Considerations of Causality and Catalysis**

- 1 Systematic Systemics: Causality, Catalysis, and Developmental Cybernetics** ..... 3  
Kenneth R. Cabell and Jaan Valsiner

## **Part II Historical and Conceptual Considerations of Causality and Catalysis**

- 2 Breaking the Arrows of Causality: The Idea of Catalysis in its Making** ..... 17  
Jaan Valsiner
- 3 Cause and Catalyst: A Differentiation** ..... 33  
Alaric Kohler
- 4 Catalysis, Functional Explanations and Functionalism in Psychology** 71  
Sven Hroar Klempe

## **Part III Biosemiotic Considerations of Cause and Catalysis**

- 5 Semiotic Scaffolding: A Biosemiotic Link Between Sema and Soma** .. 95  
Jesper Hoffmeyer
- 6 Catalysis and Scaffolding in Semiosis** ..... 111  
Kalevi Kull

## **Part IV Systemic and Contextual Considerations of Catalysis**

- 7 A Systemic Approach to Cultural Diffusion and Reconstruction** . . . . 125  
Brady Wagoner

- 8 Catalysis and Morphogenesis: The Contextual Semiotic Configuration of Form, Function, and Fields of Experience . . . . . 149**  
 Raffaele De Luca Picione and Maria Francesca Freda

## **Part V Developmental Considerations of Catalysis**

- 9 Exploring the Role of Catalyzing Agents in the Transition to Adulthood: A Longitudinal Case Study with Brazilian Youth . . . . 167**  
 Elsa de Mattos and Antônio Marcos Chaves
- 10 Catalysts and Regulators of Psychological Change in the Context of Immigration Ruptures . . . . . 191**  
 Irini Kadianaki and Tania Zittoun

## **Part VI Applying the Concept of Catalysis to Everyday Life**

- 11 Fostering National Identity, Hindering Historical Understanding . . . 211**  
 Cesar Lopez, Mario Carretero and Maria Rodriguez-Moneo
- 12 Beyond the Self and the Environment: The Psychological Horizon . . . 223**  
 Luca Tateo
- 13 Man's Search for Extra-Ordinary Answers in Life: Silence as a Catalyst for Crisis-Solving . . . . . 239**  
 Olga V. Lehmann O.
- 14 Semiotic Catalysts' Activators: An Early Semiotic Mediation in the Construction of Personal Syntheses . . . . . 251**  
 Márcio S. da Silva

## **Part VII Conceptual Critiques of Cause and Catalysis**

- 15 A Structural Systemic Theory of Causality and Catalysis . . . . . 271**  
 Aaro Toomela

- Index . . . . . 293**

The Catalyzing Mind

Beyond Models of Causality

Cabell, K.R.; Valsiner, J. (Eds.)

2014, XIX, 303 p. 6 illus., 3 illus. in color., Hardcover

ISBN: 978-1-4614-8820-0