

Contents

Part I Complexity and Linguistic Theory: Epistemological Questions

- 1 The Game of Complexity and Linguistic Theorization 3**
David Piotrowski and Y.-M. Visetti
- 2 Continuity in the Interactions Between Linguistic Units 29**
Gilles Col, Rossana De Angelis and Thierry Poibeau
- 3 Modeling Language Change: The Pitfall
of Grammaticalization 49**
Quentin Feltgen, Benjamin Fagard and Jean-Pierre Nadal
- 4 The Case for Cognitive Plausibility 73**
Pietro Perconti

Part II Complexity, Semiotics and Enunciation Theory

- 5 System and Structure. Semiotics as Encyclopaedic
Theory of Complexity 83**
Claudio Paolucci
- 6 Hjelmslev and the Stratification of Signs and Language.
The Morphodynamical Approaches to Semiotic Complexity 99**
Antonino Bondi
- 7 From Topology to Quasi-Topology. The Complexity
of the Notional Domain 119**
Francesco La Mantia

Part III Linguistic Complexity: Physics, Computation and Biology

- 8 Fiat Lux Versus Fiat Lumen: Quantum Effects in Linguistic
Operations. 143**
Fortunato Tito Arecchi

9 Two Ways into Complexity 155
Andrea Zeppi

10 Language and Brain Complexity 169
Alessio Plebe and Vivian M. De La Cruz

Language in Complexity

The Emerging Meaning

La Mantia, F.; Licata, I.; Perconti, P. (Eds.)

2017, XXVI, 199 p. 18 illus., 12 illus. in color., Hardcover

ISBN: 978-3-319-29481-0