

1. Record Nr.	UNINA9910746290103321
Titolo	Diagrams and Gestures : Mathematics, Philosophy, and Linguistics // Francesco La Mantia [and five others], editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-29111-5
Edizione	[First edition.]
Descrizione fisica	1 online resource (0 pages)
Collana	Lecture Notes in Morphogenesis Series
Disciplina	410.1
Soggetti	Linguistics - Philosophy Mathematics - Philosophy Semiotics - Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Foreword -- Contents -- 1 Almost an Introduction. From the Basilar Notions to the Legacy of Gilles Châtelet -- 1.1 Diagrams and Gestures: Preliminary Remarks -- 1.2 Diagrams: Etymology and First Conceptual Analyses -- 1.2.1 Diagrams as Analytical Potentialities -- 1.2.2 Diagrams as Interplay Between Figures and Formulas -- 1.2.3 Diagrammatic Interplay: A Peircean Point of View -- 1.3 Gestures: Etymology and First Conceptual Analyses -- 1.3.1 Gestures: Meaningfulness and Corporeality -- 1.3.2 Directionality of Gestures: From Corporeality to Inter-Corporeality -- 1.3.3 An Incorrect Reduction -- 1.4 A Mathematical Game: Sets of Possibilities and Virtuality -- 1.5 Towards the Diagrammatic Gestures of Gilles Châtelet -- 1.5.1 Germs of Deformation: "Becoming-Other" and "Pressures of the Virtuality" -- 1.5.2 Diagrammatic Alterations: Gestures and Algorithmic Legalities -- 1.5.3 Diagrammatic Gestures as Heterogenetic Work -- 1.5.4 Heterogenesis: A Key for Diagrammatic Gestures? -- 1.5.5 Châtelet and "Les Embryons Larvaires" -- 1.5.6 Several Uses of "Transformation" -- 1.5.7 "Promesses De Papillons" -- 1.6 Deformation and Becoming-Other: General Remarks -- 1.6.1 Spaces of Latency -- 1.6.2 Disorientation/Orientation: Explaining Châtelet's Lexicon -- 1.6.3 Between Complex Analysis and Algebraic Topology: First Remarks --

1.6.4 From Grassmann to Klee -- 1.6.5 Points as Virtual Holes and Zones -- 1.6.6 Gestures of Propagation: First Remarks -- 1.6.7 Loops and "Turning Around" -- 1.6.8 Loci of Fulguration -- 1.7 Conclusions: A Philosophy of Diagrammatic Gestures -- References -- Part I Diagrams and Gestures: Mathematics -- 2 The Gestural Construction of Musical Time -- 2.1 Introduction -- 2.2 Time in Philosophy and Cultures -- 2.2.1 Philosophy -- 2.2.2 Cultures -- 2.3 Time in Physics and Neurosciences -- 2.3.1 Physics -- 2.3.2 Neurosciences.

2.4 Time in Music and Its Theory -- 2.4.1 Musical Time Constructions -- 2.4.2 Summary of Mathematical/Musical Gesture Theory -- 2.5 Kramer's Time Categories -- 2.5.1 Kramer's Time Variety -- 2.6 The Gestural Construction of Musical Time -- 2.6.1 Distributed Identity in Musical Performance -- 2.6.2 Limits of Gestural Diagrams -- 2.7 Construction of Musical Time from Diagram Limits -- 2.7.1 Imaginary Time -- 2.7.2 Modeling Vertical Time -- 2.8 Conclusions -- References -- 3 Gilberte's Gesture and the Commutative Combray -- 3.1 Gilberte's Gesture in the Commutative Combray -- 3.2 The Elements of a Modal Logic -- 3.2.1 Basic Modal Logic and Its Proustian Challenge -- 3.2.2 Modal Logic in the Mood of Miss Anscombe and P.T. Geach -- 3.2.3 The Components of a Modal Logic -- 3.3 Deleuzian Modalities -- 3.4 The Boxes and Vases of the Recherche Du Temps Perdu -- 3.5 Proustian Tierceity: Peirce in Proust -- 3.6 The Construction of Proust's Landscape -- 3.7 Rally Paper on the Tender Map -- 3.8 Double Conclusion -- References -- 4 Existential Graphs as an Outstanding Case of the Use of Diagrams in Mathematics -- 4.1 The Role of Diagrams in Mathematics -- 4.2 Peirce's Existential Graphs -- 4.3 Classical Alpha Graphs -- 4.4 Beta Graphs -- 4.5 Modal Gamma Graphs -- 4.6 Intuitionistic Existential Graphs -- 4.7 Existential Graphs on Non-planar Surfaces -- 4.8 Concluding Remarks -- References -- 5 54 Gestures on Higher Mathematics, and Their Use for a Diagrammatic Approach to the Question "What Is Mathematics" -- 5.1 Nine Basic Hand and Finger Gestures for Some Fundamental Dialectics in Mathematics -- 5.2 Fifty-Four Gestures on Higher Mathematics -- 5.3 A Typology of Mathematical Gestures -- 5.4 What is Mathematics?: A Diagrammatic, Category-Theoretic, Approach -- References -- Part II Diagrams and Gestures: Philosophy -- 6 The Diagram: Demon of Proof. 6.1 The Galilean Proof of the « Codex Naturae » -- 6.2 The Phenomenon of Compaction -- 6.3 On the Diagram as Proof by Image -- 6.4 Image -- 6.5 Figure -- 6.6 Conclusion-The Question of the Diagrammatic "Proof" -- References -- 7 Gesture, a New Tool for a Different Vision of Synthetic Reasoning -- 7.1 A Critique of the Concept of Synthesis and a Different Proposal -- 7.2 Existential Graphs -- 7.3 The Structure of Gestures -- 7.4 Incomplete and Complete Gestures -- 7.5 A More Interesting Image of Our Reasoning -- References -- 8 Diagrammatic Gestures of Friendship in Plato's Meno -- 8.1 Introduction -- 8.1.1 The Dramatic Structure of the Meno -- 8.1.2 The Diagrammatic Interlude -- 8.2 Diagrammatic Semiotics of Philosophical Friendship -- References -- 9 The Act of Writing -- 9.1 Introductory Note -- 9.2 Text. English translation by Charles Alunni -- References -- 10 The Diagram on Stage: Movement, Gesture and Writing -- References -- Part III Diagrams and Gestures: Linguistics and Semiotics -- 11 Meta-Morphosis: Kinesis and Semiosis in Language Concerning a Theory of Enunciation -- 11.1 A Theory of Enunciation Based on a Linguistics of Operations -- 11.2 Schematic Form, Graph, Diagram -- 11.3 Diagram and Mental Gesture -- 11.3.1 Thinking with/by the Diagram -- 11.3.2 Diagrammatization of Thought and Mental Gesture -- 11.4 Questions by Way of Conclusion -- References -- 12 Fluid Formalism

-- Bibliographical References -- 13 But What About the Cam Structure? Notes for an Enunciative Diagrammatology -- 13.1 The Story of a Gap -- 13.2 The Formal Enigma of the Cam Structure -- 13.3 Spiralling Involutions and Topologies -- 13.4 The Metalinguistic Signification of the Cam -- 13.5 Lexis, Assertion, Negation -- 13.6 A Topology of Ambivalence and Ambiguity: Freud and the Cam Structure -- 13.6.1 Shifts: Connectedness, Closed Curves, Unhingings. 13.6.2 Germinal Powers and Enunciative Stabilisations -- 13.7 The Diagrammatology of the Cam -- 13.7.1 "La Revanche De La Main" -- 13.7.2 The Lesson of Gilles Deleuze and Gilles Châtelet: Diagrammatisation and Differential Deformations -- 13.7.3 The Figural in the Metalinguistic and Vice-Versa -- 13.8 Conclusion: Mr. Culoli's Silence -- References -- 14 Diagrams, Gestures, and Meaning. A Cognitive-Semiotic View -- 14.1 What a Sign is. Peirce, Saussure, Biplanarity, and Criticality -- 14.2 Diagrams and Art -- 14.3 Gesture -- 14.4 Perspective -- References -- 15 Continuous, Discrete Diagrams and Transitions. Applications in the Study of Language and Other Symbolic Forms -- 15.1 The Notion of a Diagram and Diagrammatic Reasoning -- 15.2 Topological and Dynamic Diagrams of Meaning in Language -- 15.3 The Interpretation of Dynamic Diagrams in Semantics -- 15.4 Ontologies Underlying the Interpretation of Dynamic Diagrams -- 15.5 Discrete Dynamic Diagrams Using Vector Calculus -- 15.6 Conclusion: Diagrams, Indexes, and Symbols in Scientific Theories -- References -- 16 Conclusions: As a Kleiner Narr in Trance Towards a Diagrammatic Model of Enunciation -- 16.1 Summary Notes and Auspices -- 16.2 A Diagrammatic Model of Enunciation: November 20, 1923-Postulates of Linguistics -- 16.3 Kleiner Narr in Trance... and Others -- 16.4 What is Nothing in Itself: Points and... Utterances -- 16.4.1 Germs of Something Else -- 16.4.2 Enunciative Virtualities -- 16.4.3 Klee's Jester and Châtelet's Triangle -- 16.5 First Steps Toward a Diagrammatic Model of Enunciation -- 16.5.1 Visual Forms or Immaterial Types? -- 16.5.2 Immanent Virtualities and "Texture Charnelle" -- 16.5.3 And the Heterogenesis? -- 16.6 Conclusions: For a Diagrammatic Philosophy of Enunciation -- References -- Appendix A Diagrammatic Eidos and Dynamical Platonism.

A.1 Dichotomic and Diagrammatic Conceptions of the Eidos -- A.2 Lautman and "Dynamic Platonism" -- A.2.1 Context -- A.2.1.1 Oskar Becker -- A.2.1.2 Julius Stenzel -- A.2.1.3 Léon Robin -- A.2.2 Lautman and Plato -- A.2.2.1 A Last Appearance -- A.2.2.2 Taking Stock: Towards a Dynamic Platonism -- A.2.2.3 Some Examples -- A.2.2.4 Lautman and the Virtual Power of Schemes -- A.3 Dynamic Platonism -- A.4 On the Double Status of the Virtual: Reprise and Relaunch -- A.5 Differences Between Mechanical Constructivism and Dynamical Platonic Constructivism -- A.6 Deleuzian Philosophy of the Virtual and Dynamical Platonism -- A.7 Conclusions: Towards a Dynamical Platonism -- A.7.1 Dissimilarities Between DP and MP, and Between DP and EP -- A.7.2 Dynamical Platonism as a Production of Partial Invariants: The Legacy of Alunni and Zalamea -- Appendix B The Illusions of the Speaking Subject. A Note on the Lapse -- B.1 The Lapse: A Semiotic Perspective -- B.2 From Jacques Fontanille to Jacques Coursil -- B.3 Still on Jacques Coursil's Perspective -- B.4 French Discourse Analysis: From Michel Pêcheux to Jacqueline Authier-Revuz -- B.5 Conclusions: A Necessary Illusion -- References.