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Nota di contenuto	Intro -- Preface -- Contents -- 1 Introduction and a Few Words on the Methodology -- References -- 2 Traits of an Emerging Tradition: Modern Physics in Japan -- 2.1 Tomonaga's Approach to the Open Questions of Particle Physics -- 2.1.1 At Heisenberg's and the Renewed Interest in Nuclear Meson Hypothesis -- 2.1.2 A Creative Application of the Hartree Method -- 2.1.3 The Tomonaga-Nishina Seminars and the Development of Quantum Field Theory -- 2.1.4 The Elementary Particle in the Aftermath of Renormalisation -- 2.2 The Collective Description of Many-body Systems -- 2.2.1 A Change of Paradigm in the Description of Nuclei and Plasmas -- 2.2.2 Bohm and the Many-body Problem in Plasmas and Metals: Inspirations from Quantum Electrodynamics -- References -- 3 Yoichiro Nambu and the Collective Description of Many-particle Systems -- 3.1 Lehrjahre and Inclinations of the Young Nambu -- 3.1.1 Nambu's Nuclear Program and the Root of Spontaneous Symmetry Breaking -- 3.2 The Concept of Apparent Vacuum: Extending Field Theory to Real Media -- 3.2.1 Nuclear Matter as a ``di-mesic" Medium -- 3.2.2 Nuclear Matter as a Plasma Medium -- References -- 4 Elementary Particles as Excitations of a Solid Medium. Is the Universe a Superconductor? -- 4.1 Constructing Superconductivity -- 4.1.1 Superconductivity Is Most of All Perfect Diamagnetism, or the Consequences of a Perspective Shift -- 4.1.2 On

a Search for the Microscopic Mechanism -- 4.1.3 Bardeen, Pines, Cooper, Schrieffer, or the Resolution -- 4.1.4 Bogolyubov's "New Method", or the Reformulation of Superconductivity -- 4.1.5 Discovering by Way of Translating: Nambu and the "Mathematical Structure" of Superconductivity -- 4.2 The Universe as a Superconducting Solid -- 4.2.1 Cultivating Parallel Problems: Nambu's Stereoscopic View -- 4.2.2 The Vacuum of the Universe Through the Lens of Superconductivity. 4.2.3 From Flash to Flesh: The Theory of Elementary Particles Suggested by Superconductivity -- 4.2.4 Epilogue. The Impact of Nambu's Vision and the Offshoots of the Analogy -- References -- 5 Historical and Epistemological Reflections -- 5.1 Individual and Collective, Micro and Macro Meet ... -- 5.1.1 Few to Many: Spontaneous Symmetry Breaking and the Evolution of the Ideas of Particle and Vacuum -- 5.1.2 The Heuristic Virtues of a "Scale" Model of the Universe -- 5.2 Methodologies and Worldviews on the Japanese Shores -- 5.2.1 The Influence of Tomonaga and the Local Socio-Economic Context of Japan -- 5.2.2 On Yukawa and Sakata's World-view and Its Sway -- References.

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Nota di contenuto	The Consequences of Mutations in the Reproductive Endocrine System

-- Nesfatin-1 as a New Potent Regulator in Reproductive System --
Modulation of Neural Circuit Activity by Ethanol in Basolateral Amygdala
-- Induction of Ovulation by Hormone Treatment in Ussurian Bullhead
Leiocassis ussuriensis -- Changes in Plasma Sex Steroid and Cortisol
Levels during Annual Reproductive Cycle of Ribbed Gunnel, *Dictyosoma
burgeri* -- Effect of TBT and PAHs on CYP1A, AhR and Vitellogenin
Gene Expression in the Japanese Eel, *Anguilla japonica* -- Effect of
Manganese Exposure on the Reproductive Organs in Immature Female
Rats -- Differential Expression Patterns of Crystallin Genes during
Ocular Development of Olive Flounder (*Paralichthys olivaceus*) -- The
Morphological Study of Wild and Farmed Olive Flounder (*Paralichthys
olivaceus*): The Role of Indirect Selection within and between
Populations -- Geographic Variations and Genetic Distance of Three
Geographic *Cyclina* Clam (*Cyclina sinensis* Gmelin) Populations from the
Yellow Sea -- Temperature-dependent Index of Mitotic Interval (0) for
Chromosome Manipulation in Korean Bullhead, *Pseudobagrus
fulvidraco* -- Decreased Contact Inhibition in Mouse Adipose
Mesenchymal Stem Cells -- Aggregation of Human Eyelid Adipose-
derived Stem Cells by Human Body Fluids -- Chromosomal Modification
in Human Embryonic Stem Cells Cultured in a Feeder-Free Condition
after Single Cell Dissociation using Accutase -- Ectopic Expression of
Cenexin1 S796A Mutant in ODF2+/- Knockout Background Causes a
Sperm Tail Development Defect -- The Ascidian Numb Gene Involves in
the Formation of Neural Tissues -- Identification and Characterization
of LHX8 DNA Binding Elements -- Sex Ratio and Sex Reversal in Two-
year-old Class of Oyster, *Crassostrea gigas* (Bivalvia: Ostreidae).
