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Nota di contenuto	The Mysterious Quantum -- The Cosmological Debate -- What Happened ... -- The Classical Basis -- Delicious Mysteries -- Non-Classical Phenomena -- Non-linear Phenomena -- Space, Time and Matter -- Matter-wave Mechanics -- Epilogue -- Quaternion Rotations -- Separation of the Variables -- Broken Gauge Symmetry -- Projective Geometry -- Nucleogenesis.
Sommario/riassunto	This volume, written by a highly cited author, presents the history of quantum theory together with open questions and remaining problems in terms of the plausibility of quantum chemistry and physics. It also provides insights into the theory of matter-wave mechanics. The content is aimed at students and lecturers in chemistry, physics and the philosophy of science.