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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; Chapter 1. SOME QUANTUM BACKGROUND; Chapter 2. SOME GEOMETRIC ASPECTS; Chapter 3. ASPECTS OF EMERGENCE; Chapter 4. KALUZA-KLEIN AND COSMOLOGY; Chapter 5. REMARKS ON THERMODYNAMICS AND GRAVITY; Chapter 6. GEOMETRY AND MECHANICS; Chapter 7. ON TIME AND THE UNIVERSE; Chapter 8. GRAVITY AND THE QUANTUM POTENTIAL; Bibliography; Index
Sommario/riassunto	The book surveys mathematical relations between classical and quantum mechanics, gravity, time and thermodynamics from various points of view and many sources (with appropriate attribution). The emergence theme is developed with an emphasis on the meaning via mathematics. A background theme of Bohemian mechanics and connections to the quantum equivalence principle of Matone et al. is also developed in great detail. Some original work relating the quantum potential and Ricci flow is also included.