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Titolo	David Bohm's Critique of Modern Physics [[electronic resource]] : Letters to Jeffrey Bub, 1966-1969 // edited by Chris Talbot
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Descrizione fisica	1 online resource (XII, 375 p. 13 illus., 7 illus. in color.)
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Soggetti	Physics Science—Philosophy Science—History Quantum physics Philosophy and science History and Philosophical Foundations of Physics Philosophical and Historical Foundations of Science Quantum Physics Philosophy of Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Discussions with Loinger, Rosenfeld and Schumacher -- Perception and Panpsychism -- Facts and Inferences, The One and the Many, Charles Biederman -- More on Psychology, Feyerabend and Pluralism -- Schumacher and Niels Bohr -- Bohr versus Von Neumann -- Differing "Relevance Judgements" -- Kuhn and Incommensurability. Summary on the "Quantum".
Sommario/riassunto	In the letters contained in this book, David Bohm argues that the dominant formal, mathematical approach in physics is seriously flawed. In the 1950s and 60s, Bohm took a direction unheard of for a professor of theoretical physics: while still researching in physics, working among others with Yakir Aharonov and later Jeffrey Bub, he also spent time studying "metaphysics"—such as Hegel's dialectics and Indian panpsychism. 50 years on, questions raised about the direction and philosophical assumptions of theoretical physics show that Bohm's

arguments still have contemporary relevance.
