Record Nr. UNINA9910783825503321 Autore Norris Christopher <1947, > Titolo Quantum theory and the flight from realism: philosophical responses to quantum mechanics / / Christopher Norris London;; New York:,: Routledge,, 2000 Pubbl/distr/stampa **ISBN** 1-134-59524-7 0-203-24980-1 0-203-46431-1 1-280-10798-7 1-134-59525-5 9786610107988 Descrizione fisica 1 online resource (277 p.) Collana Critical realism--interventions Disciplina 530.12 530.1201 Quantum theory - Philosophy Soggetti Realism Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Preliminaries; Contents; Acknowledgements; Introduction; 1 Is it Nota di contenuto possible to be a realist about quantum mechanics; 2 Quantum theory and the logic of anti realism; 3 Bell Bohm and the EPR debate a case for nonlocal realism; 4 Quantum worlds without end: the multiverse according to Deutsch; 5 Should philosophers take lessons from quantum theory; 6 Putnam's progress: quantum theory and the flight from realism; 7 Can logic be quantum-relativized? Putnam, Dummett and the great quantum muddle; 8 From Copenhagen to the stars some ways of quantum worldmaking; Index of names A critical introduction to the long-standing debate concerning the Sommario/riassunto conceptual foundations of quantum mechanics, and the problems the field has posed for physicists and philosophers from Einstein to the present.