1. Record Nr. UNINA9910959847603321

Autore	Barbour Julian B
Titolo	The end of time : the next revolution in physics / / Julian Barbour
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 1999
ISBN	0-19-988189-8 1-283-11327-9 9786613113276 0-19-976089-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (385 p.)
Disciplina	530.11
Soggetti	Space and time Relativity (Physics) Quantum theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First issued as an Oxford University Press paperback, 2001.
Nota di bibliografia	Includes bibliographical references (p.[358]-361) and index.
Nota di contenuto	pt. 1. The big picture in simple terms -- pt. 2. The invisible framework and the ultimate arena -- pt. 3. The deep structure of general relativity -- pt. 4. Quantum mechanics and quantum cosmology -- pt. 5. History in the timeless universe.
Sommario/riassunto	Richard Feynman once quipped that ""Time is what happens when nothing else does."" But Julian Barbour disagrees: if nothing happened, if nothing changed, then time would stop. For time is nothing but change. It is change that we perceive occurring all around us, not time. Put simply, time does not exist. In this highly provocative volume, Barbour presents the basic evidence for a timeless universe, and shows why we still experience the world as intensely temporal. It is a book that strikes at the heart of modern physics. It casts doubt on Einstein's greatest contribution, the spacetime continu