1. Record Nr. UNINA9910814166403321

Autore	Earman John
Titolo	Bangs, crunches, whimpers, and shrieks : singularities and acausalities in relativistic spacetimes / / John Earman
Pubbl/distr/stampa	New York ; , : Oxford University Press, , 2023
ISBN	0-19-772999-1 1-280-45113-0 9786610451135 0-19-534464-2 1-60256-632-1
Descrizione fisica	1 online resource (270 p.)
Collana	Oxford scholarship online
Disciplina	530.1/1
Soggetti	Space and time General relativity (Physics) Singularities (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliography: p228-245. _ Includes index. Previously issued in print: 1995.
Nota di bibliografia	Includes bibliographical references (pages 228-245) and index.
Nota di contenuto	1. Introducing Spacetime Singularities and Acausalities -- 2. Defining, Characterizing, and Proving the Existence of Spacetime Singularities -- 3. Cosmic Censorship -- 4. Supertasks -- 5. The Big Bang and the Horizon Problem -- 6. Time Travel -- 7. Eternal Recurrence, Cyclic Time, and All That -- 8. Afterword.
Sommario/riassunto	Explains the technical issues of general relativity theory and discusses how these issues bear upon philosophical problems about the nature of space and time, causality, and laws of nature. This book provides an overview of the technical literature as well as analytical commentary on its philosophical significance.