

1.	Record Nr.	UNINA990009722410403321
	Autore	Matheron, G.
	Titolo	Éléments pour une théorie des milieux poreux / par G. Matheron
	Pubbl/distr/stampa	Paris, : Masson et Cie, 1967
	Descrizione fisica	166 p. ; 24 cm
	Locazione	DINGE
	Collocazione	MA2/38
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISA996466695503316
	Titolo	Quantum Gravity and Quantum Cosmology [[electronic resource]] / edited by Gianluca Calcagni, Lefteris Papantonopoulos, George Siopsis, Nikos Tsamis
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
	ISBN	3-642-33036-3
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (XII, 399 p. 75 illus.)
	Collana	Lecture Notes in Physics, , 0075-8450 ; ; 863
	Disciplina	523.1/8
	Soggetti	Gravitation Astronomy Astrophysics Quantum field theory String theory Mathematical physics Classical and Quantum Gravitation, Relativity Theory Astronomy, Astrophysics and Cosmology Quantum Field Theories, String Theory Mathematical Applications in the Physical Sciences
	Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I Quantum Gravity -- Part II Quantum Cosmology -- Part III Observational Status -- Index.
Sommario/riassunto	<p>Quantum gravity has developed into a fast-growing subject in physics and it is expected that probing the high-energy and high-curvature regimes of gravitating systems will shed some light on how to eventually achieve an ultraviolet complete quantum theory of gravity. Such a theory would provide the much needed information about fundamental problems of classical gravity, such as the initial big-bang singularity, the cosmological constant problem, Planck scale physics and the early-time inflationary evolution of our Universe. While in the first part of this book concepts of quantum gravity are introduced and approached from different angles, the second part discusses these theories in connection with cosmological models and observations, thereby exploring which types of signatures of modern and mathematically rigorous frameworks can be detected by experiments. The third and final part briefly reviews the observational status of dark matter and dark energy, and introduces alternative cosmological models. Edited and authored by leading researchers in the field and cast into the form of a multi-author textbook at postgraduate level, this volume will be of benefit to all postgraduate students and newcomers from neighboring disciplines wishing to find a comprehensive guide for their future research.</p>