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Titolo	Mathematical and Quantum Aspects of Relativity and Cosmology [[electronic resource]] : Proceedings of the Second Samos Meeting on Cosmology, Geometry and Relativity Held at Pythagoreon, Samos, Greece, 31 August – 4 September 1998 // edited by Spiros Cotsakis, Gary W. Gibbons
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ISBN	3-540-46671-1
Edizione	[1st ed. 2000.]
Descrizione fisica	1 online resource (IX, 254 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 537
Disciplina	530.11
Soggetti	Gravitation Observations, Astronomical Astronomy—Observations Astrophysics Geometry Topology Classical and Quantum Gravitation, Relativity Theory Astronomy, Observations and Techniques Astrophysics and Astroparticles
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Physics and Astronomy."
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Global Wave Maps on Curved Space Times -- Einstein's Equations and Equivalent Hyperbolic Dynamical Systems -- Generalized Bowen-York Initial Data -- The Reduced Hamiltonian of General Relativity and the ?- Constant of Conformal Geometry -- Anti-de-Sitter Spacetime and Its Uses -- Black Holes and Wormholes in 2+1 Dimensions -- Open Inflation -- Generating Cosmological Solutions from Known Solutions -- Multidimensional Cosmological and Spherically Symmetric Solutions with Intersecting p-Branes -- Open Issues.
Sommario/riassunto	This book is written in a pedagogical style intelligible for graduate students. It reviews recent progress in black-hole and wormhole theory and in mathematical cosmology within the framework of Einstein's field

equations and beyond, including quantum effects. This collection of essays, written by leading scientists of long standing reputation, should become an indispensable source for future research.
