

1. Record Nr.	UNINA9910812567003321
Titolo	Mathematics and general relativity : proceedings of the AMS-IMS-SIAM joint summer research conference held June 22-28, 1986 with support from the National Science Foundation // James A. Isenberg, editor
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1988] ©1988
ISBN	0-8218-7660-0 0-8218-5079-2
Descrizione fisica	1 online resource (386 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; volume 71
Disciplina	530.1/1
Soggetti	General relativity (Physics) - Mathematics Mathematical physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	<p>""Contents""; ""Preface""; ""Aspects of Quasi-Local Angular Momentum""; ""Some Remarks on the Quasi-Local Mass""; ""Quasi-Local Mass for ""Large"" Spheres""; ""Conserved Quantities as Action Variations""; ""A 3+1 Formulation of Einstein Self-Duality""; ""Quantum Gravity in the Self-Dual Representation""; ""Superspace in the Self-Dual Representation of Quantum Gravity""; ""Self-Dual and Anti-Self-Dual Hermitian Metrics on Compact Complex Surfaces""; ""Instantons on the Quaternionic Siegel Space""; ""Gauge Theories for Fields of Spin-One and Spin-Two""</p> <p>""Einstein Geometry and Hyperbolic Equations""""The Well-Posedness of Rosen's Field Equations""; ""Dynamics of Quadratic Lagrangians in Gravity: Fairchild's Theory""; ""Stability in Dissipative Relativistic Fluid Theories""; ""The Hamiltonian Formulation of Classical Field Theory""; ""The Ricci Flow on Surfaces""; ""Curvature and Compact Spacelike Surfaces in 4-Dimensional Spacetimes""; ""Spacetime Singularities from High Matter Densities (Abstract)""; ""Metric Singularity Phenomena in Pseudo-Riemannian Geometry""; ""Covariant Quantization of Dynamical Systems with Constraints""</p> <p>""Problems on Diffeomorphism Arising from Quantum Gravity""""Initial Value Decomposition of the Spacetime Diffeomorphism Group"";</p>

""Inclusion of Fermions in the Wave Function of the Universe""; ""Gauge Symmetries of String Field Theory (Abstract)""; ""Twistors and Strings""; ""List of Participants""
