

- | | |
|-------------------------|--|
| 1. Record Nr. | UNINA990008037190403321 |
| Autore | Convegno di idraulica e costruzioni idrauliche : 8. : <1963 |
| Titolo | 8. convegno di idraulica e costruzioni idrauliche : promosso dall'Istituto di Idraulica dell'Università di Pisa : Pisa, 6-8 aprile, 1963 |
| Pubbl/distr/stampa | Pisa : Tip. Colombo, 1963 |
| Descrizione fisica | 650 p. ; 30 cm |
| Locazione | DINID |
| Collocazione | 15 ..V/4-8 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
-
- | | |
|-------------------------|---|
| 2. Record Nr. | UNISALENTO991001862479707536 |
| Titolo | Foundations of space and time : reflections on quantum gravity / [edited by] Jeff Murugan, Amanda Weltman and George F.R. Ellis |
| Pubbl/distr/stampa | Cambridge ; New York : Cambridge University Press, 2012 |
| ISBN | 9780521114400 (hardback) |
| Descrizione fisica | xiv, 437 p. : ill. ; 24 cm |
| Classificazione | LC QC173.59.S65
53.1.5 |
| Altri autori (Persone) | Murugan, Jeff
Weltman, Amanda
Ellis, George Francis Rayner |
| Disciplina | 531/.14 |
| Soggetti | Space and time
Quantum gravity |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index |
| Nota di contenuto | Machine generated contents note: 1. The problem with quantum gravity
Jeff Murugan, Amanda Weltman and George F. R. Eliis; 2. A dialogue on |

the nature of gravity Thanu Padmanabhan; 3. Effective theories and modifications of gravity Cliff Burgess; 4. The small scale structure of spacetime Steve Carlip; 5. Ultraviolet divergences in supersymmetric theories Kellog Stelle; 6. Cosmological quantum billiards Axel Kleinschmidt and Hermann Nicolai; 7. Progress in RNS string theory and pure spinors Dimitri Polyakov; 8. Recent trends in superstring phenomenology Massimo Bianchi; 9. Emergent spacetime Robert de Mello Koch and Jeff Murugan; 10. Loop quantum gravity Hanno Sahlmann; 11. Loop quantum gravity and cosmology Martin Bojowald; 12. The microscopic dynamics of quantum space as a group field theory Daniele Oriti; 13. Causal dynamical triangulations and the quest for quantum gravity Jan Ambjørn, J. Jurkiewicz and Renate Loll; 14. Proper time is stochastic time in 2D quantum gravity Jan Ambjørn, Renate Loll, Y. Watabiki, W. Westra and S. Zohren; 15. Logic is to the quantum as geometry is to gravity Rafael Sorkin; 16. Causal sets: discreteness without symmetry breaking Joe Henson; 17. The Big Bang, quantum gravity, and black-hole information loss Roger Penrose; Index

Sommario/riassunto

"After almost a century, the field of quantum gravity remains as difficult and inspiring as ever. Today, it finds itself a field divided, with two major contenders dominating: string theory, the leading exemplification of the covariant quantization program; and loop quantum gravity, the canonical scheme based on Dirac's constrained Hamiltonian quantization. However, there are now a number of other innovative schemes providing promising new avenues. Encapsulating the latest debates on this topic, this book details the different approaches to understanding the very nature of space and time. It brings together leading researchers in each of these approaches to quantum gravity to explore these competing possibilities in an open way. Its comprehensive coverage explores all the current approaches to solving the problem of quantum gravity, addressing the strengths and weaknesses of each approach, to give researchers and graduate students an up-to-date view of the field"
