

1. Record Nr.	UNISA990000710230203316
Autore	HORST, Reiner
Titolo	Global optimizatio : deterministic approaches / Reiner Horst, Hoang Tuy
Pubbl/distr/stampa	Berlin : Springer, c1993
ISBN	3-540-56094-7
Edizione	[2.rev.ed.]
Descrizione fisica	XVI, 698 p. ; 25 cm
Altri autori (Persone)	TUY, Hoang
Disciplina	519.3
Soggetti	Ottimizzazione
Collocazione	519.3 HOR 1 (IS V 43)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNISA996207291603316
Autore	Natsuume Makoto
Titolo	AdS/CFT Duality User Guide [[electronic resource] /] / by Makoto Natsuume
Pubbl/distr/stampa	Tokyo : , : Springer Japan : , : Imprint : Springer, , 2015
ISBN	4-431-55441-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XI, 294 p. 75 illus., 11 illus. in color.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 903
Disciplina	539.72
Soggetti	Quantum field theory String theory Nuclear physics Heavy ions Phase transformations (Statistical physics) Condensed materials Elementary particles (Physics) Gravitation Quantum Field Theories, String Theory Nuclear Physics, Heavy Ions, Hadrons Quantum Gases and Condensates Elementary Particles, Quantum Field Theory Classical and Quantum Gravitation, Relativity Theory
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	Introduction -- General relativity and black holes -- Black holes and thermodynamics -- Strong interaction and gauge theories -- The road to AdS/CFT -- The AdS spacetime -- AdS/CFT - equilibrium -- AdS/CFT - adding probes -- Basics of nonequilibrium physics -- AdS/CFT - non-equilibrium -- Other AdS spacetimes -- Applications to quark-gluon plasma -- Basics of phase transition -- AdS/CFT - phase transition.
Sommario/riassunto	This book describes applications of the AdS/CFT duality to the "real world." The AdS/CFT duality is an idea that originated from string theory and is a powerful tool for analyzing strongly-coupled gauge

theories using classical gravitational theories. In recent years, it has been shown that one prediction of AdS/CFT is indeed close to the experimental result of the real quark–gluon plasma. Since then, the AdS/CFT duality has been applied to various fields of physics; examples are QCD, nuclear physics, condensed-matter physics, and nonequilibrium physics. The aim of this book is to provide background materials such as string theory, black holes, nuclear physics, condensed-matter physics, and nonequilibrium physics as well as key applications of the AdS/CFT duality in a single volume. The emphasis throughout the book is on a pedagogical and intuitive approach focusing on the underlying physical concepts. It also includes step-by-step computations for important results, which are useful for beginners. This book will be a valuable reference work for graduate students and researchers in particle physics, general relativity, nuclear physics, nonequilibrium physics, and condensed-matter physics. .
