1.	Record Nr.	UNISA996466808203316
	Autore	Lüst Dieter
	Titolo	Lectures on String Theory [[electronic resource] /] / by Dieter Lüst, Stefan Theisen
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1989
	ISBN	3-540-46857-9
	Edizione	[1st ed. 1989.]
	Descrizione fisica	1 online resource (VII, 348 p.)
	Collana	Lecture Notes in Physics, , 0075-8450 ; ; 346
	Disciplina	539.72
	Soggetti	Elementary particles (Physics)
		Quantum field theory
		Physics
		Quantum computers
		Spintronics
		Quantum physics
		Elementary Particles, Quantum Field Theory
		Mathematical Methods in Physics
		Numerical and Computational Physics, Simulation
		Quantum Information Technology, Spintronics
		Quantum Physics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	The classical bosonic string -- The quantized bosonic string -- to conformal field theory -- Reparametrization ghosts and BRST quantization -- Global aspects of string perturbation theory and riemann surfaces -- The classical closed fermionic string -- The quantized closed fermionic string -- Spin structures and superstring partition function -- Toroidal compactification of the closed bosonic string — 10-dimensional heterotic string -- Conformal field theory II: Lattices and Kac-Moody algebras -- Conformal field theory III: Superconformal field theory -- Bosonization of the fermionic string — Covariant lattices -- Heterotic strings in ten and four dimensions -- Low energy field theory.

Sommario/riassunto	This book provides a self-contained introduction to string theory, at present one of the most exciting and fastest-growing areas in theoretical high-energy physics. Pedagogical in character, it introduces modern techniques and concepts, such as conformal and superconformal field theory, Kac-Moody algebras, etc., stressing their relevance and application to string theory rather than the formal aspects. The reader is led from a basic discussion of the classical bosonic string to the construction of four-dimensional heterotic string models, an area of current research. The so-called covariant lattice construction is discussed in detail. Being conceptually very simple, the book serves to exemplify the relevant features of other methods of arriving at four-dimensional string theories. It is also shown how one derives a low-energy field theory from string theory, thereby making contact with conventional point-particle physics.

2.

Record Nr.	UNINA9910698548603321
Titolo	Questa baseline and pre-mining ground-water quality investigation . 5 Well installation, water-level data, and surface- and ground-water geochemistry in the Straight Creek Drainage Basin, Red River Valley, New Mexico, 2001-03 [[electronic resource] /] / by Cheryl A. Naus ... [and others] ; prepared in cooperation with the New Mexico Environment Department
Pubbl/distr/stampa	Reston, Va. : , : U.S. Dept. of the Interior, U.S. Geological Survey, , 2005
Descrizione fisica	vii, 220 pages : digital, PDF file
Collana	Scientific investigations report ; ; 2005-5088
Altri autori (Persone)	NausCheryl A
Soggetti	Groundwater - Quality - New Mexico - Red River Valley
	Water - Composition - New Mexico - Red River Valley
	Wells - New Mexico - Red River Valley
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from PDF t.p. (viewed on Sept. 4, 2008).