

1. Record Nr.	UNISA996418441503316
Autore	Parthasarathy Harish
Titolo	Developments in Mathematical and Conceptual Physics [[electronic resource]] : Concepts and Applications for Engineers / / by Harish Parthasarathy
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-5058-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (454 pages)
Disciplina	530
Soggetti	Physics Mathematical physics Continuum physics Mechanics Quantum physics Applied and Technical Physics Mathematical Physics Classical and Continuum Physics Classical Mechanics Quantum Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Classical mechanics -- Fluid dynamics -- Electrodynamics -- General Relativity and Cosmology -- Quantum mechanics and Quantum stochastic processes -- Quantum field theory and quantum gravity -- The general theory of nonlinear systems -- Appendix: Application of large deviation theory to physical problems.
Sommario/riassunto	This book presents concepts of theoretical physics with engineering applications. The topics are of an intense mathematical nature involving tools like probability and random processes, ordinary and partial differential equations, linear algebra and infinite-dimensional operator theory, perturbation theory, stochastic differential equations, and Riemannian geometry. These mathematical tools have been applied to study problems in mechanics, fluid dynamics, quantum mechanics

and quantum field theory, nonlinear dynamical systems, general relativity, cosmology, and electrodynamics. A particularly interesting topic of research interest developed in this book is the design of quantum unitary gates of large size using the Feynman diagrammatic approach to quantum field theory. Through this book, the reader will be able to observe how basic physics can revolutionize technology and also how diverse branches of mathematical physics like large deviation theory, quantum field theory, general relativity, and electrodynamics have many common issues that provide the starting point for unifying the whole of physics, namely in the formulation of Grand Unified Theories (GUTS).

2. Record Nr.	UNINA9910340608003321
Titolo	Journal of experimental psychopathology
Pubbl/distr/stampa	[London, England] : , : Textum Ltd., , 2010- [London] : , : SAGE
Descrizione fisica	1 online resource
Collana	Health & Medical Collection. ProQuest Central. SAGE Premier. Directory of Open Access Journals.
Classificazione	44.91
Disciplina	616.89
Soggetti	Psychology, Pathological Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed