

1. Record Nr.	UNINA990000864480403321
Autore	Thomson, Audrey Jean
Titolo	A pratical english grammar / A.J. Thomson, A.V. Martinet
Pubbl/distr/stampa	Oxford : Oxford University Press, 1980
ISBN	0-19-431337-9
Edizione	[2. ed.]
Descrizione fisica	2 v. (p. 381 compless.) 22 cm
Disciplina	425
Locazione	FINBN
Collocazione	02 81 D 20 02 81 D 19
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 : Exercises. 176 p. 2 : Exercises. 205 p.

2. Record Nr.	UNINA9910467617703321
Autore	Russell Esra <1979->
Titolo	Oscillatory models in general relativity / / Esra Russell, Oktay K. Pashaev
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2018 ©2018
ISBN	3-11-051522-9
Descrizione fisica	1 online resource (154 pages)
Collana	De Gruyter Studies in Mathematical Physics, , 21943532 ; ; Volume 41
Disciplina	523.01
Soggetti	Cosmic physics Oscillations Stellar oscillations General relativity (Physics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Introduction -- Part I: Dissipative geometry and general relativity theory -- 1. Pseudo-Riemannian geometry and general relativity -- 2. Dynamics of universe models -- 3. Anisotropic and homogeneous universe models -- 4. Metric waves in a nonstationary universe and dissipative oscillator -- 5. Bosonic and fermionic models of a Friedman-Robertson-Walker universe -- 6. Time dependent constants in an oscillatory universe -- Part II: Variational principle for time dependent oscillations and dissipations -- 7. Lagrangian and Hamilton descriptions -- 8. Damped oscillator: classical and quantum theory -- 9. Sturm-Liouville problem as a damped oscillator with time dependent damping and frequency -- 10. Riccati representation of time dependent damped oscillators -- 11. Quantization of the harmonic oscillator with time dependent parameters -- Bibliography -- Index
Sommario/riassunto	The book employs oscillatory dynamical systems to represent the Universe mathematically via constructing classical and quantum theory of damped oscillators. It further discusses isotropic and homogeneous metrics in the Friedman-Robertson-Walker Universe and shows their

equivalence to non-stationary oscillators. The wide class of exactly solvable damped oscillator models with variable parameters is associated with classical special functions of mathematical physics. Combining principles with observations in an easy to follow way, it inspires further thinking for mathematicians and physicists.

Contents

Part I: Dissipative geometry and general relativity theory

Pseudo-Riemannian geometry and general relativity

Dynamics of universe models

Anisotropic and homogeneous universe models

Metric waves in a nonstationary universe and dissipative oscillator

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Time dependent constants in an oscillatory universe

Part II: Variational principle for time dependent oscillations and dissipations

Lagrangian and Hamilton descriptions

Damped oscillator: classical and quantum theory

Sturm-Liouville problem as a damped oscillator with time dependent damping and frequency

Riccati representation of time dependent damped oscillators

Quantization of the harmonic oscillator with time dependent parameters

3. Record Nr.	UNINA990005626530403321
Autore	Matt, Leonard von <1909-1988>
Titolo	Grossgriechenland / Leonard von Matt ; begleitender text von Umberto Zanotti-Bianco
Pubbl/distr/stampa	Wnrzburg, : Echter, c1961
Descrizione fisica	233 p. : ill. ; 29 cm
Locazione	FLFBC
Collocazione	ARCH. I 043 2
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia