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Altri autori (Persone)	Pascual SanchezJ. F
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Sagnac and the g-clock effect revisited
A List of references on spacetime splitting and gravitoelectromagnetism INVITED LECTURE* AND COMMUNICATIONS ON OTHER TOPICS; On thermal equilibrium in general relativity; Entropy in the universe: A new approach; On cyclically symmetrical space times; A theory of time-varying constants; Relations between light like foliations and observers in symplectic mechanics; Scalar field cosmologies; Thermodynamics and the dominant energy condition in gravity theories; Twisting type-N fields with symmetries; Ideal gas Stephani universes
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Generation and detection of high frequency gravitational wavesThe intrinsic structure of the Petrov classification; Generation of gravitational waves in de Sitter space-time; List of participants

Sommario/riassunto

This book provides an authoritative overview of the developments in gravitomagnetism which have taken place in the last few years. In particular, experiments for measuring the Lense-Thirring effect with satellites orbiting the Earth are reviewed, and an updated list of references on gravitomagnetism is included. The book also presents diverse research in general relativity and cosmology. It will be of interest to graduate students and researchers in cosmology, astrophysics, astronomy, relativity and applied mathematics. Contents: Spacetime Splitting Techniques and Gravitoelectromagnetism in