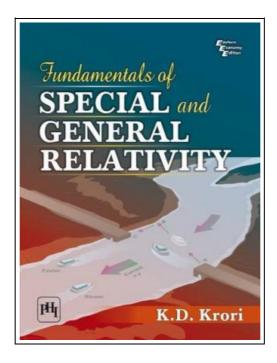
# Fundamentals of Special and General Relativity



Filesize: 8.2 MB

## Reviews

I actually began looking over this pdf. it was actually writtern really perfectly and valuable. You will not really feel monotony at at any moment of your respective time (that's what catalogs are for about if you check with me).

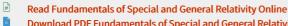
(Marquis Gusikowski)

#### FUNDAMENTALS OF SPECIAL AND GENERAL RELATIVITY



To download Fundamentals of Special and General Relativity PDF, make sure you click the link beneath and download the file or get access to additional information which might be relevant to FUNDAMENTALS OF SPECIAL AND GENERAL RELATIVITY ebook.

PHI Learning, 2010. Softcover. Book Condition: New. First edition. Relativity, apart from quantum mechanics, is the greatest wonder in science, unfolded single-handedly in the 20th century by Albert Einstein. The scientist developed special relativity as a logical sequel to general relativity. This comprehensive book presents explication of the conceptual evolution and mathematical derivations of the theories of special and general relativity. The book follows an Einsteinian approach while explaining the concepts and the theories of relativity. Divided into 14 chapters, the book covers elementary concepts of Special relativity, as well as the advanced studies on General relativity. The recent theories like Kerr geometry, Sagnac effect, Vaidya geometry, Raychaudhuri equation and Gravitation physics vis-à-vis Quantum physics are presented in easy-to-understand language and simple style. In addition to it, the book gives an in-depth analysis on the applications of advanced theories like Vaidya-Krori-Barua solution from author?s own research works. Apart from that, the book also discusses some of the isotopic and anisotropic cosmological models, in detail. Key Features: Step-by-step derivation of equations Easy demagogic approach Review questions to widen the analytical understanding of the students This book is intended for the undergraduate and postgraduate students of Physics and Mathematics. contents Preface Part I CLASSICAL RELATIVITY Introduction 1. Classical Relativity Part II SPECIAL RELATIVITY 2. Electromagnetism and Special Relativity 3. Relativistic Kinematics 4. Relativistic Mechanics 5. Special Relativity and Electromagnetism 6. Minkowski?s Geometrisation of Physics Part III GENERAL RELATIVITY AND GRAVITATION 7. Non-uniform Relative Motion 8. Riemannian Geometry: Jensor Calculus 9. Einstein?s Law of Gravitation 10. Static Solutions 11. Stationary Solutions 12. Non-static Solutions 13. Relativistic Cosmology-II Appendix II Appendix II Index Printed Pages:



Download PDF Fundamentals of Special and General Relativity

### See Also



#### [PDF] Love My Enemy

Click the web link beneath to read "Love My Enemy" file.

Read PDF

**>>** 



### [PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer

Click the web link beneath to read "Children's Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer" file.

Read PDF

**>>** 



#### [PDF] The L Digital Library of genuine books(Chinese Edition)

Click the web link beneath to read "The L Digital Library of genuine books(Chinese Edition)" file.

Read PDF

»



[PDF] Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

Click the web link beneath to read "Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)" file.

Read PDF

>>



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Click the web link beneath to read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers" file.

Read PDF

**»** 



[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

Click the web link beneath to read "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" file.

Read PDF

»