

General Relativity: The Essentials by Carlo Rovelli



General Relativity: The Essentials by Carlo Rovelli

★★★★☆ 4.3 out of 5

Language : English

File size : 6208 KB

Screen Reader : Supported



Print length : 174 pages



Carlo Rovelli's *General Relativity: The Essentials* is a concise and accessible to the fundamental principles of general relativity. Rovelli, a world-renowned physicist and author, presents a clear and engaging overview of the subject, making it accessible to readers with no prior knowledge of physics or mathematics.

The book begins with a brief history of general relativity, tracing its origins from Newton's laws of motion to Einstein's groundbreaking theory. Rovelli then provides a step-by-step explanation of the key concepts of general relativity, including spacetime, curvature, and black holes. He also discusses the latest developments in the field, such as the discovery of gravitational waves.

Rovelli's writing is clear and engaging, and he uses vivid analogies and examples to help readers understand complex concepts. He also provides numerous exercises and thought experiments to help readers test their understanding of the material.

General Relativity: The Essentials is an essential resource for anyone who wants to learn about the fundamental principles of general relativity. It is a

clear, concise, and engaging to the subject, and it is sure to leave readers with a deeper understanding of the universe.

Table of Contents

-
- A Brief History of General Relativity
- The Basics of General Relativity
- Curvature and Black Holes
- The Latest Developments in General Relativity
- Exercises and Thought Experiments

About the Author

Carlo Rovelli is a world-renowned physicist and author. He is a professor of theoretical physics at the University of Aix-Marseille and the director of the Centre de Physique Théorique de Marseille. Rovelli is the author of several books on physics and cosmology, including *Quantum Gravity*, *The Free Download of Time*, and *Reality Is Not What It Seems*.

Reviews

"Rovelli's book is a masterful to general relativity. It is clear, concise, and engaging, and it provides a deep understanding of the subject." - *The New York Times*

"Rovelli is one of the world's leading physicists, and his book is a must-read for anyone who wants to learn about the fundamental principles of general relativity." - *The Wall Street Journal*

"Rovelli's book is a brilliant exposition of general relativity. It is a clear, concise, and engaging to the subject, and it is sure to leave readers with a deeper understanding of the universe." - *The Guardian*



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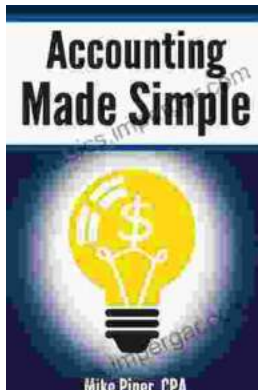
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