

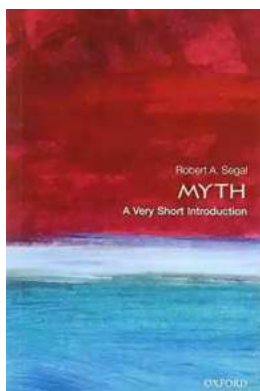
The Allure of Cosmology: Unveiling the Universe's Greatest Secrets

Have you ever looked up at the night sky and wondered about the vast expanse that lies beyond our planet? Cosmology, the scientific study of the origin, evolution, and structure of the universe, allows us to explore these profound questions and unlock the mysteries of our existence.

One of the best ways to delve into this complex field is by reading "Cosmology Very Short " from the Very Short s series. In this immersive book, renowned cosmologist Peter Coles takes readers on a captivating journey through the history and key concepts of cosmology.

Understanding Cosmology: From Ancient Beliefs to Modern Theories

Cosmology has captivated human minds for centuries, even before we had the technological advancements to support our quest for understanding. Ancient civilizations gazed at the stars and wove intricate tales of gods and mythical beings residing in the heavens. However, it wasn't until the dawn of scientific inquiry that real progress in unraveling the universe's secrets commenced.



Cosmology: A Very Short Introduction (Very Short Introductions Book 51)

by Peter Coles(1st Edition, Kindle Edition)

★★★★☆ 4.3 out of 5

Language : English

File size : 1118 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Word Wise : Enabled

Print length : 156 pages
Lending : Enabled



"Cosmology Very Short " brilliantly encapsulates the evolution of cosmology, from ancient beliefs to the groundbreaking scientific discoveries of modern times. Coles effortlessly explores the development of our understanding of the cosmos, detailing the important contributions of influential astronomers and scientists along the way.

From the revolutionary theories proposed by Isaac Newton and Albert Einstein to the recent observations that have deepened our comprehension of dark matter and dark energy, "Cosmology Very Short " provides a comprehensive overview of the field's rich history.

The Big Bang Theory: Shedding Light on the Universe's Birth

At the heart of cosmology lies the Big Bang theory – a crucial concept that revolutionized our understanding of the universe's origins. "Cosmology Very Short " illuminates the intricacies of this paradigm-shifting theory, explaining how our universe came into existence from a singular, infinitely hot and dense state.

Coles artfully delves into the consequences of the Big Bang, such as the expansion of the universe and the formation of the cosmic microwave background radiation. Furthermore, he provides a glimpse into the ongoing research and cutting-edge experiments that continue to refine our understanding of this mind-boggling event.

The Mysteries of the Universe: Dark Matter and Dark Energy

Cosmology is not confined to understanding the past; it also seeks to comprehend the present and predict the future. "Cosmology Very Short " delves into the puzzling phenomena of dark matter and dark energy that dominate our universe.

Dark matter, an enigmatic substance that makes up about 27% of the universe, has evaded detection and perplexed scientists for decades. Coles uncovers the various attempts made to identify and understand this elusive component and explores its role in shaping the structure of the cosmos.

Equally perplexing is dark energy, an invisible force that accounts for about 68% of the universe's composition. This mysterious entity is accelerating the universe's expansion and challenging our fundamental understanding of physics. "Cosmology Very Short " navigates readers through the pursuit of unraveling the nature of dark energy, featuring the latest discoveries and speculations.

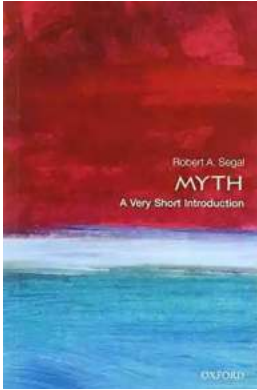
: A Cosmic Journey of Discovery

"Cosmology Very Short " is an engaging and accessible guide to the captivating field of cosmology. As you journey through the pages of this book, you'll gain a deeper appreciation for our place in the universe and the awe-inspiring wonders that lie beyond our reach.

Whether you're a science enthusiast, a student, or simply someone fascinated by the mysteries of the cosmos, "Cosmology Very Short " is a must-read. Let Peter Coles be your guide as you unravel the secrets of the universe and embark on a cosmic journey of discovery.

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This book is a simple, non-technical to cosmology, explaining what it is and what cosmologists do. Peter Coles discusses the history of the subject, the development of the Big Bang theory, and more speculative modern issues like quantum cosmology, superstrings, and dark matter.

ABOUT THE SERIES: The Very Short s series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable.



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