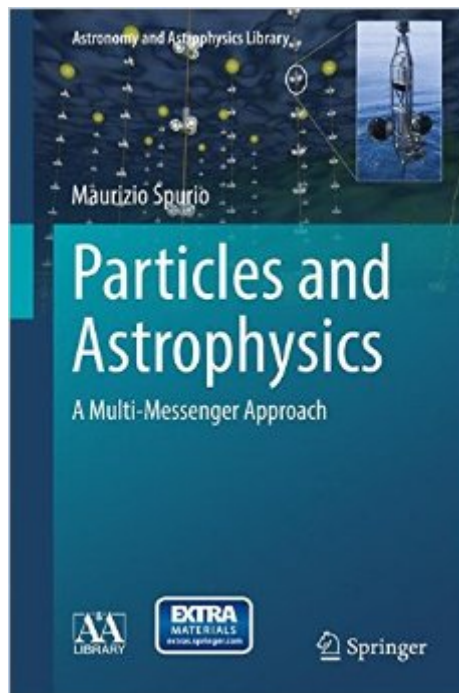


The book was found

Particles And Astrophysics: A Multi-Messenger Approach (Astronomy And Astrophysics Library)



Synopsis

This book is an introduction to multi-messenger astrophysics. It covers the many different aspects connecting particle physics with astrophysics and cosmology and introduces astrophysics using numerous experimental findings recently obtained through the study of high-energy particles. Taking a systematic approach, it comprehensively presents experimental aspects from the most advanced laboratories and detectors, as well as the theoretical background. The book is aimed at graduate students and post-graduate researchers with a basic understanding of particle and nuclear physics. It will also be of interest to particle physicists working in accelerator/collider physics who are keen to understand the mechanisms of the largest accelerators in the Universe. The book draws on the extensive lecturing experience of Professor Maurizio Spurio from the University of Bologna.

Book Information

Series: Astronomy and Astrophysics Library

Hardcover: 491 pages

Publisher: Springer; 2015 edition (October 7, 2014)

Language: English

ISBN-10: 3319080504

ISBN-13: 978-3319080505

Product Dimensions: 6.1 x 1.1 x 9.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #1,626,248 in Books (See Top 100 in Books) #333 in Books > Science &

Math > Physics > Nuclear Physics > Particle Physics #1169 in Books > Science & Math >

Physics > Mathematical Physics #1410 in Books > Science & Math > Physics > Quantum Theory

Customer Reviews

I've been using this book to study for my comprehensive exams in astrophysics. It's pretty good, the derivations are clear and its thorough without giving a lot of extraneous information (basic knowledge of physics is definitely required). I only have one gripe, which may not be the authors fault: only about half of the graphs and pictures are in color. However, many of the graphs in black and white have labels such as "the red line shows [insert phenomena here] and the blue line shows [insert other phenomena]". Of course, printing both lines in grayscale makes the plots very hard to interpret.

[Download to continue reading...](#)

Particles and Astrophysics: A Multi-Messenger Approach (Astronomy and Astrophysics Library)
Astronomy: Astronomy for Beginners: The Magical Science of Stars, Galaxies, Planets, Black
Holes, Wormholes and much, much more! (Astronomy, Astronomy Textbook, Astronomy for
Beginners) Planetary Systems: Detection, Formation and Habitability of Extrasolar Planets
(Astronomy and Astrophysics Library) Stellar Structure and Evolution (Astronomy and Astrophysics
Library) Astronomy with Small Telescopes: Up to 5-inch, 125mm (The Patrick Moore Practical
Astronomy Series) The Voyage and the Messenger: Iran and Philosophy Understand The Sayings
(Hadith) Of The Messenger (Muhammad - P.B.U.H.) Of Allah (God): Islam For Humanity Series The
Messenger (Gabriel Allon Series Book 6) Taking the Back off the Watch: A Personal Memoir
(Astrophysics and Space Science Library) Freight Forwarding and Multi Modal Transport Contracts
(Maritime and Transport Law Library) Particles and the Universe: From the Ionian School to the
Higgs Boson and Beyond Classical Dynamics of Particles and Systems Quantum Physics of Atoms,
Molecules, Solids, Nuclei, and Particles Particles and Nuclei: An Introduction to the Physical
Concepts Classical Dynamics of Particles and Systems, 4th Edition An Introduction to the Physics
of Nuclei and Particles Absorption and Scattering of Light by Small Particles The Elementary
Particles The Physics of Astrophysics Volume I: Radiation Astrophysics: A Very Short Introduction
(Very Short Introductions)

[Dmca](#)