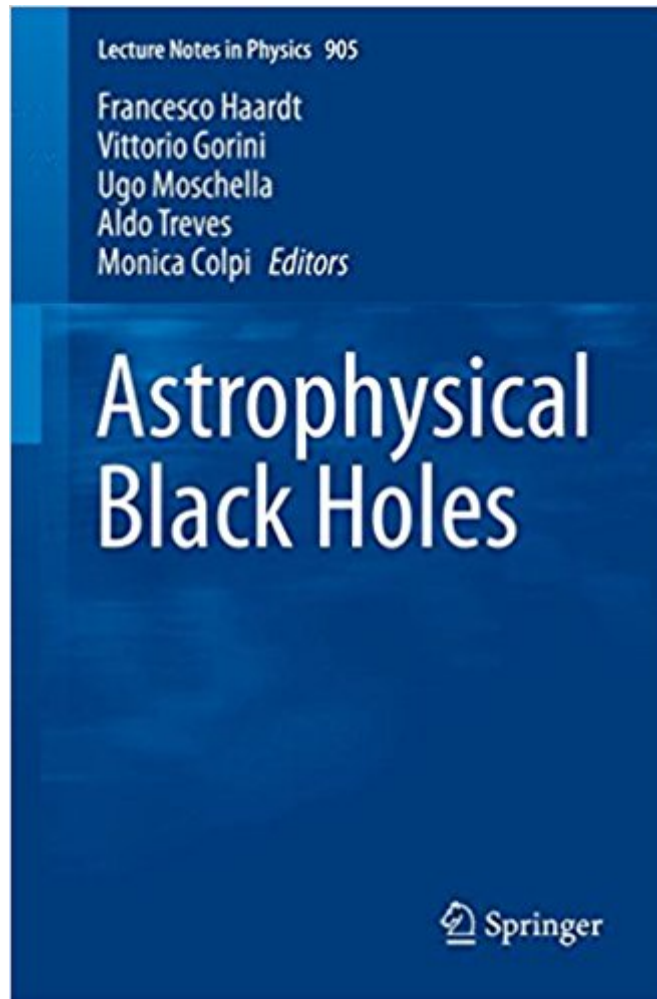


The book was found

Astrophysical Black Holes (Lecture Notes In Physics)



Synopsis

Based on graduate school lectures in contemporary relativity and gravitational physics, this book gives a complete and unified picture of the present status of theoretical and observational properties of astrophysical black holes. The chapters are written by internationally recognized specialists. They cover general theoretical aspects of black hole astrophysics, the theory of accretion and ejection of gas and jets, stellar-sized black holes observed in the Milky Way, the formation and evolution of supermassive black holes in galactic centers and quasars as well as their influence on the dynamics in galactic nuclei. The final chapter addresses analytical relativity of black holes supporting theoretical understanding of the coalescence of black holes as well as being of great relevance in identifying gravitational wave signals. With its introductory chapters the book is aimed at advanced graduate and post-graduate students, but it will also be useful for specialists.

Book Information

Series: Lecture Notes in Physics (Book 905)

Paperback: 314 pages

Publisher: Springer; 1st ed. 2016 edition (December 2, 2015)

Language: English

ISBN-10: 3319194151

ISBN-13: 978-3319194158

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #831,192 in Books (See Top 100 in Books) #89 in Books > Science & Math > Physics > Gravity #838 in Books > Textbooks > Science & Mathematics > Astronomy & Astrophysics #1027 in Books > Science & Math > Astronomy & Space Science > Astrophysics & Space Science

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

Astrophysical Black Holes (Lecture Notes in Physics) Astronomy: Astronomy for Beginners: Discover the Amazing Truth about New Galaxies, Worm Holes, Black Holes and the Latest Discoveries in Astronomy Conductors, Semiconductors, Superconductors: An Introduction to Solid State Physics (Undergraduate Lecture Notes in Physics) Equivariant Cohomology and Localization of Path Integrals (Lecture Notes in Physics Monographs) An Introduction to Quantum Spin Systems (Lecture Notes in Physics) Astrophysical Techniques, Fifth Edition Welcome to the Universe: An

Astrophysical Tour Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) Spooky Action at a Distance: The Phenomenon That Reimagines Space and Time-and What It Means for Black Holes, the Big Bang, and Theories of Everything Black Holes (True Books: Space (Paperback)) Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) Black Holes and Baby Universes and Other Essays The Mysterious Universe: Supernovae, Dark Energy, and Black Holes Black Holes: A Very Short Introduction Decoding the Universe: How the New Science of Information Is Explaining Everything in the Cosmos, from Our Brains to Black Holes Decoding the Universe: How the New Science of Information Is Explaining Everything in the Cosmos, from Our Brains to Black Holes Trends in Distributed Systems: CORBA and Beyond: International Workshop TreDS '96 Aachen, Germany, October 1 - 2, 1996; Proceedings (Lecture Notes in Computer Science) Database and Expert Systems Applications: 13th International Conference, DEXA 2002, Aix-en-Provence, France, September 2-6, 2002. Proceedings (Lecture Notes in Computer Science) Automated Reasoning with Analytic Tableaux and Related Methods: 16th International Conference, TABLEAUX 2007, Aix en Provence, France, July 3-6, 2007, Proceedings (Lecture Notes in Computer Science)

[Dmca](#)