

The aim of this book is to become THE reference text for gravitational-wave physics, covering in detail both the experimental and the theoretical aspects. It is the only existing book on gravitational waves, and it will likely remain unique for its broadness and scope. It brings the reader to the forefront of present-day research, both theoretical and experimental, assuming no previous knowledge of gravitational-wave physics. Part I of this volume is devoted to the theory of gravitational waves. Here we have rederived - in a coherent way - most of the results that we present, clarifying or streamlining existing derivations. Part II is devoted to a description of experimental GW physics. We discuss in great detail existing and planned experiments, as well as data analysis techniques.

The Vanishing Man: In pursuit of Velazquez, The Zanzibar Chest: A Memoir of Love and War, Messianic for Modern Man (The Mondcivitan Writings), Intermodal Railroading, Hot In Here, Djangos Gypsies: The Mystique of Django Reinhardt and His People, Torn, The Autism Transition Guide: Planning the Journey from School to Adult Life (Topics in Autism), The Gifts, A Jacody Ives Mystery (Jacody Ives Mysteries Book 1), Without You: A romantic comedy (True Love Comedy Book 5),

This book deals with all aspects of gravitational-wave physics, both theoretical and experimental. This first volume deals with gravitational wave (GW) theory and

A superficial introduction to gravitational waves can be found in most textbooks on general relativity, but typically, the treatment hardly does justice to a field that.

July , Volume 41, Issue 7, pp 1-10. Cite as. Michele Maggiore: Gravitational waves. Volume 1: theory and experiments. Oxford University Press . Quantum field theory has undergone extraordinary developments in the last few decades and permeates many branches of modern research such as particle. Gravitational Waves. Volume 1: Theory and Experiments. Michele Maggiore. First book in this rapidly growing field. Pedagogical style. While Volume 1 is devoted to the theory and experiments, Volume 2 discusses what can be learned from gravitational waves in astrophysics and in cosmology, . Gravitational waves. Vol 1, Theory and Experiments. Author. Maggiore, Michele. Publication, Oxford, Description, p., fig. Abstract, The aim of this. Buy Gravitational Waves, Volume 1: Theory and Experiments ( ): NHBS - Michele Maggiore, Oxford University Press.

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