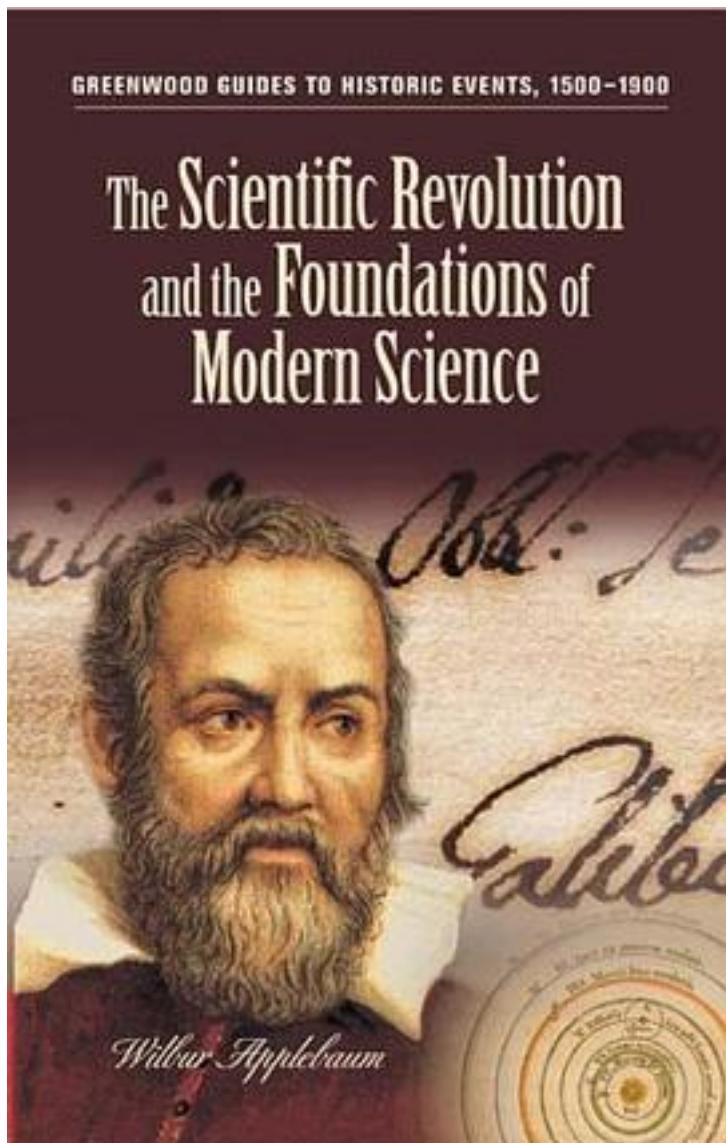


The Scientific Revolution and the Foundations of Modern Science



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著者:Wilbur Applebaum

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Describes how the scientific revolution undermined deep-seated beliefs held for millennia, laying the foundations for the modern world. The Scientific Revolution and the Foundations of Modern Science explains how the pursuit of natural philosophy - as science was then called - from about 1500 to 1700 created the foundation upon which modern science has been built. The profound changes in the study of the natural world in this period were made possible by social and cultural changes occurring in Western Europe, and the achievements of men like Copernicus, Galileo, Kepler, Francis Bacon, René Descartes, William Harvey, and Isaac Newton. This book details their ideas and practices, as well as those of others, the concepts they overcame, and the nature of the institutions within which they worked. Designed as an introduction to the age of the scientific revolution, this book offers readers and researchers an appealing mix of narrative chapters, biographical sketches of key figures, and annotated primary documents. An overview of the period introduces the topic, and is followed by chapters on Astronomy and the Cosmos; Matter, Motion and the Cosmos; The Nature of Living Things; Methods for the Advancement of Knowledge; Religion and Natural Philosophy; and the Influence of the Scientific Revolution. A glossary of terms is offered, and the work concludes with an annotated bibliography and index. Part of the Greenwood Guides to Historic Events, 1500-1900 series. Explains how scientific advances laid the foundations of the modern world. Covers well-known figures such as Galileo and Newton.

作者介绍:

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