



When Physics Became King (Paperback)

By I.R. Morus

The University of Chicago Press, United States, 2005. Paperback. Condition: New. 2nd ed.. Language: English . Brand New Book. As recently as two hundred years ago, physics as we know it today did not exist. Born in the early nineteenth century during the second scientific revolution, physics struggled at first to achieve legitimacy in the scientific community and culture at large. In fact, the term physicist did not appear in English until the 1830s. When Physics Became King traces the emergence of this revolutionary science, demonstrating how a discipline that barely existed in 1800 came to be regarded a century later as the ultimate key to unlocking nature s secrets. A cultural history designed to provide a big-picture view, the book ably ties advances in the field to the efforts of physicists who worked to win social acceptance for their research. Beginning his tale with the rise of physics from natural philosophy, Iwan Morus chronicles the emergence of mathematical physics in France and its later export to England and Germany. He then elucidates the links between physics and industrialism, the technology of statistical mechanics, and the establishment of astronomical laboratories and precision measurement tools. His tale ends on the eve...



Reviews

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