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Sommario/riassunto

The 17th century was a time of transition for the study of science and mathematics. The technological achievements of this time directly impacted both society and the future of science. This reference resource explores the major scientific and mathematical milestones of this era, and examines them from both their scientific and sociological perspectives. Over fifty entries, arranged alphabetically, illustrate how this was a time marking the first wide-spread application of experimentation and mathematics to the study of science--an exciting time brought to life through this unique exploration. Students will find not only the familiar names like Galileo and Newton who are well-recognized for their contributions in science, but they will also encounter the names of lesser-known scientists and inventors who challenged long-held doctrines and beliefs. The contributions of the scientists, mathematicians, and inventors of the 17th century would have a significant impact on the course of science into modern times. This impact is explored in detail to provide an understanding of how scientific study affects everyday life and how it evolves to provide a better understanding of our world.
