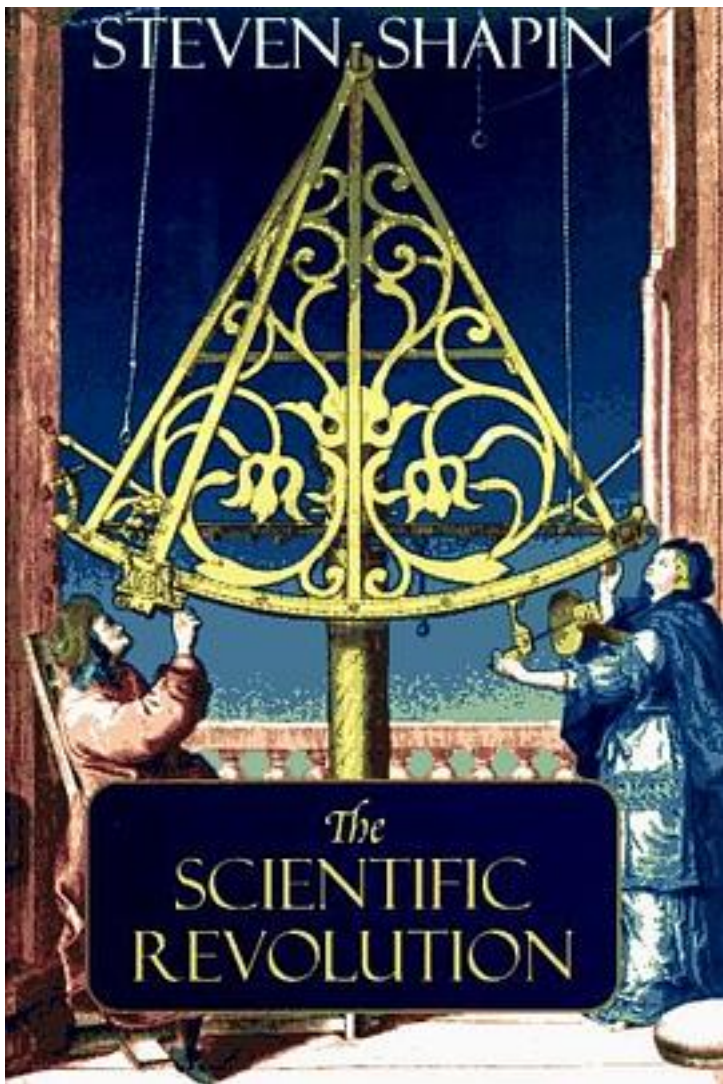


The Scientific Revolution



[The Scientific Revolution_ 下载链接1](#)

著者:Jacob, James R.

出版者:Prometheus Books

出版时间:1998-3

装帧:Pap

isbn:9781573925464

An introduction to a large and complicated subject, which has come to be called the Scientific Revolution, this book refers to the fundamental changes in our understanding of the natural world that occurred in the sixteenth and seventeenth centuries. These changes led to a rejection of ancient and medieval thinking about the universe in favour of the new thinking that gave birth to modern science. Professor Jacob does not pretend to tell the whole story of this momentous transformation, which is perhaps more important than any other in modern history. But he does highlight and survey what are often considered to be the six principal developments associated with this shift from old to new science. The six changes are: first, the abandonment of an ancient Greek picture of an earth-centred universe and its replacement by the modern picture of a solar system surrounded by an enormous universe; second, the gradual rejection of the Aristotelian binary physics in favour of the modern physics of universal forces; third, a medical revolution that culminated in the discovery of the circulation of the blood, and put animal (and human) physiology on a new foundation; fourth, the shift from an Aristotelian theory of knowledge to a modern scepticism; fifth, the development of new methods for establishing scientific certainty; and, finally, the founding of the world's first national, government-sponsored scientific societies for promoting research, spreading scientific knowledge, and stimulating inquiry.

作者介绍:

目录:

[The Scientific Revolution_下载链接1](#)

标签

评论

[The Scientific Revolution_下载链接1](#)

书评

[The Scientific Revolution_ 下载链接1](#)