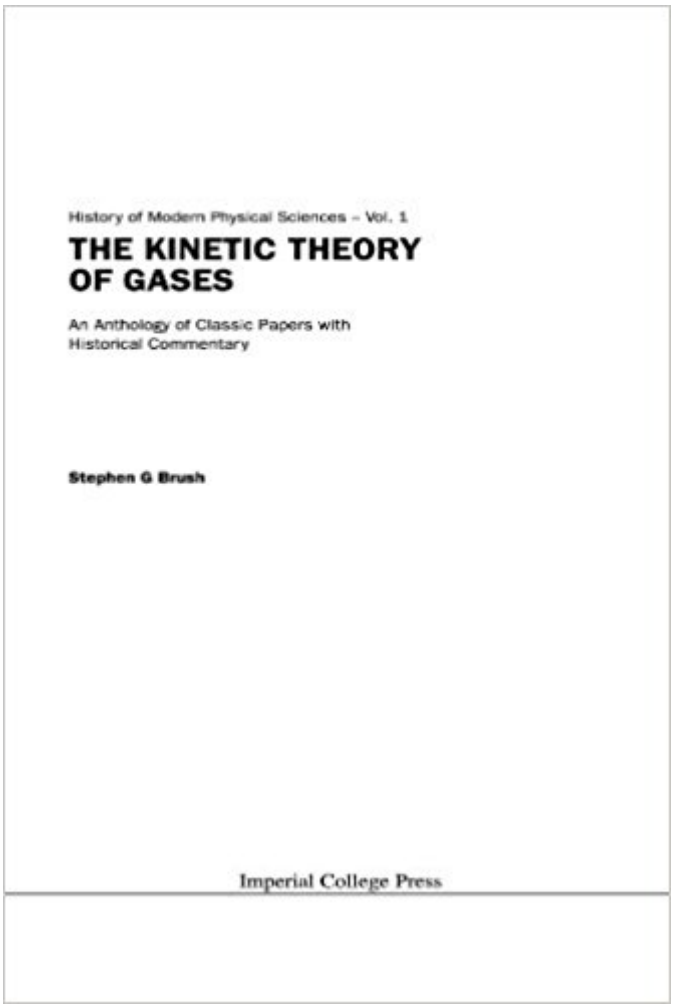
Kinetic Theory Of Gases, The: An Anthology Of Classic Papers With Historical Commentary (History Of Modern Physical Sciences, 1)



Synopsis

This book introduces physics students and teachers to the historical development of the kinetic theory of gases, by providing a collection of the most important contributions by Clausius, Maxwell and Boltzmann, with introductory surveys explaining their significance. In addition, extracts from the works of Boyle, Newton, Mayer, Joule, Helmholtz, Kelvin and others show the historical context of ideas about gases, energy and irreversibility. In addition to five thematic essays connecting the classical kinetic theory with 20th century topics such as indeterminism and interatomic forces, there is an extensive international bibliography of historical commentaries on kinetic theory, thermodynamics, etc. published in the past four decadesThe book will be useful to historians of science who need primary and secondary sources to be conveniently available for their own research and interpretation, along with the bibliography which makes it easier to learn what other historians have already done on this subject. .

Book Information

Series: History of Modern Physical Sciences, 1 (Book 1)

Paperback: 668 pages

Publisher: Icp (July 28, 2003)

Language: English

ISBN-10: 110768126X

ISBN-13: 978-1860943485

ASIN: 1860943489

Product Dimensions: 6.5 x 1.5 x 9.8 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

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.," valuable to have the work in print again, since some of the originals are not always easily accessible ..."

Readership: Graduate and research students, teachers, lecturers and historians of physics.

No livro sÃƒÂ£o apresentados alguns dos principais trabalhos cientÃ- ficos sobre o tema cinÃ¡tica quÃ- mica. Recomendo aos interessados no assunto principalmete aos alunos e professores da Ã¡rea de quÃ- mica, fÃ- sica e ciÃƒÂªncias afins.

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