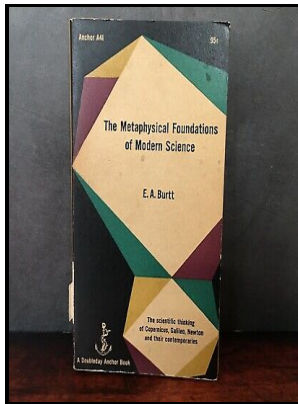


Metaphysical foundations of modern science

IONS - The Metaphysical Foundations of Modern Physical Science



Description: -

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Exercise for women -- Physiological aspects

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Notes: Includes bibliographical references and index.

This edition was published in 1994



Filesize: 65.1010 MB

Tags: #The #metaphysical #foundations #of #modern #physical #science. #(1954 #edition)

The Metaphysical Foundations of Modern Science : E. A. Burtt : Free Download, Borrow, and Streaming : Internet Archive

I would have given this book 5 stars, were it not for the last chapter dedicated to Newton. In other words, because Newton's philosophical contribution was negligible or confused, his successors needed only to look to his mathematics.

The Metaphysical Foundations of Modern Physical Science: A Historical and Critical Essay (Classic Reprint): Burtt, Edwin Arthur: 9780331704464: play.fridaynightfunk.rf.gd: Books

But if that was the case, why is Newton so important as to make him the culmination of the whole book? Essays Commemorating the 1985—1986 Return of Comet Halley, edited by Norman J. Calculus was invented in order to understand change and acceleration; but an asteroid, a bird, or a cheetah is perfectly capable of changing direction or accelerating without needing to know calculus. Consider the question of motion.

The Metaphysical Foundations of Modern Physical Science

An important defect of the new metaphysics, however, was a separation of minds from the world of sense experience.

The Metaphysical Foundations of Modern Physical Science

Many regard philosophy and science as entirely separate fields, but Burtt makes a case through extensive engagement with primary sources that science requires a metaphysical stance, one which suffers from unthinking dogmatism when it is not critically reflected upon and analyzed which always happens when we assume science can be done without philosophy. This distinction between primary and secondary qualities was criticized at the time by philosophers such as George Berkeley, a bishop of the Anglican Church.

The Metaphysical Foundations of Modern Physical Science: A Historical and Critical Essay (Classic Reprint): Burtt, Edwin Arthur: 9780331704464: play.fridaynightfunk.rf.gd: Books

. While th As I understand this book Burtt is distressed that the world view that says that the only valid description of reality must ultimately be mathematical. One of Burtt's main arguments is that despite appearances, the Aristotelian metaphysics of essence, substance and quality were not discarded in favour of a positivist worldview, but were rather replaced by the metaphysics of mass, time, and space.

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