



Forces in Physics A Historical Perspective Greenwood Guides to Great Ideas in Science

By Steven N. Shore

Greenwood. Hardcover. Condition: New. 256 pages. Dimensions: 9.9in. x 7.2in. x 0.9in. Force is one of the most elementary concepts that must be understood in order to understand modern science; it is discussed extensively in textbooks at all levels and is a requirement in most science guidelines. It is also one of the most challenging - how could one idea be involved in such disparate physical phenomena as gravity and radioactivity? Forces in Physics: A Historical Perspective helps the science student by explaining how these ideas originally were developed and provides context to the stunning conclusions that scientists over the centuries have arrived at. It covers the history of all of the four traditional fundamental forces - gravity, electromagnetism, weak nuclear force, and the strong nuclear force - and shows how these forces have, over the years, allowed physicists to better understand the nature of the physical world. Forces in Physics: A Historical Perspective traces the evolution of the concept from the earliest days of the Ancient Greeks to the contemporary attempt to form a GUT (Grand Unified Theory): Aristotle and others in Ancient Greece who developed ideas about physical laws and the introduction of forces into nature; Newton and others in...



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