First Lines of Natural Philosophy, Divested of Mathematical Formulae; Being a Practical and Lucid Introduction to the Study of the Science Designed for the Use of Schools and Academies, and for Readers Generally

By Reynell Coates

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1846 Excerpt: .result from one single property The term hydrodynamics, which should include these two subdivisions of physical science, has been so perversely appropriated to the science of fluids in motion exclusively, that the author is compelled reluctantly to dismiss it altogether, in a school-book. of liquids; namely; the free motion of their particles among themselves, in consequence of their peculiar arrangement and mode of cohesion. The laws which govern motion and rest are precisely the same in all respects, whatever may be the state or condition of the body acted upon by dynamic force. Hence, if we were perfectly acquainted with the laws of attraction and the forms of atoms and molecules, we should be able to foretell all the dynamic phenomena that fluids can display, from our knowledge of the effects of physical force upon solids, even without resorting to special experiments; for a liquid body...

Reviews

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