

proved statements of the same principles by later writers are traced in a very interesting manner. The progress made in the production of a science of dynamics is similarly exhibited, and the methods of exposition and proof adopted by Galileo, Newton, Huygens and the latter mathematicians are compared in a most instructive discussion. The construction of the science of mechanics, as now defined by the mathematician, is traced historically and logically, and this discussion is closed by a very suggestive chapter on the economy effected by the precision of thought and expression which the science of mechanics illustrates and promotes. The closing chapter on the relation of this science to other departments of learning is peculiarly interesting, and is the only approach to metaphysical treatment in the book of any branch of the subject. A table of titles of the works of the great writers to whose treatises reference has been made is a valuable feature. The book will interest every mathematician.

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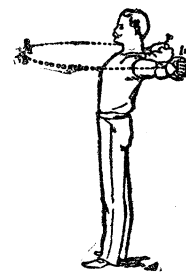
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