



An Elementary Treatise on the Mechanics of Machinery: With Special Reference to the Mechanics of the Steam-Engine (Classic Reprint)

By Joseph N LeConte

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from An Elementary Treatise on the Mechanics of Machinery: With Special Reference to the Mechanics of the Steam-Engine The following book is the outcome of a course of lectures on Kinematics and the Mechanics of the Steam-engine, which has been issued in the form of notes to students in the Department of Mechanical Engineering of the University of California for several years past. The first two parts embody the more important principles of what is generally called the Kinematics of Machinery, though in many instances dynamic problems which present themselves are dealt with; the real purpose of the book being the application of the principles of mechanics to certain problems connected with machinery. In the third part there is discussed the Mechanics of the Steam-engine, that machine being perhaps the most important from a designer s point of view. Here the subject is treated under two distinct heads, Kinematics and Dynamics. No special originality is claimed for the major part of the material, and free use has been made of whatever literature could be found relating...



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