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## Applied Science, Incorporated with Transactions of the University of Toronto Engineering Society, Vol. 6: May to October, 1912 (Classic Reprint) (Hardback)

By H Irwin

Forgotten Books, 2017. Hardback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Applied Science, Incorporated With Transactions of the University of Toronto Engineering Society, Vol. 6: May to October, 1912 AS Professor Angus has pointed out in the preface and is borne out by the book itself, problems Of the first kind are those dealt with. In the first chapter the nature Of the machine is carefully examined, the Characteristics which it must possess, the relations Of different forms of the same general construction and the connec tion between such machines as the steam engine, the oscillating engine, the Whitworth quick-return motion and other mechanisms. The second and third chapters deal with the very important questions Of motion and velocity in machines. The methods of finding the velocities of different parts Of machines and Of plotting these velocities are discussed in some detail, and the application is made to the determination of piston velocities and the rates of dis charge from one, two and three throw-pumps. In chapter four is discussed a very Simple and useful method for determining velocities in the most complex machines by an easy practical construction, which is here published...



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