



Steam-Turbines (Classic Reprint)

By Carl C Thomas

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Steam-Turbines In writing this book I have aimed to give in logical order the fundamental principles of steam-turbine design, with examples of their application, and to show the results obtained in engineering practice. The development of the steam-turbine has been so rapid that many of the problems involved, while solved more or less satisfactorily for constructive purposes, have not been put upon a scientific basis. Foremost among these problems is that of the velocity of steam-flow under given conditions, - important not only for an understanding of the operation of the turbine, but for predicting the results to be expected from a given set of conditions. My principal incentive has been the desire to analyze and correlate the results of certain important experimental investigations, and to show how these results could be used in connection with the well-known laws of hydraulics and thermodynamics as applied to steam-turbines. In stating these laws I have attempted to develop the expressions in a simple and direct manner, and to give numerical and graphical solutions illustrating the principles involved....



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