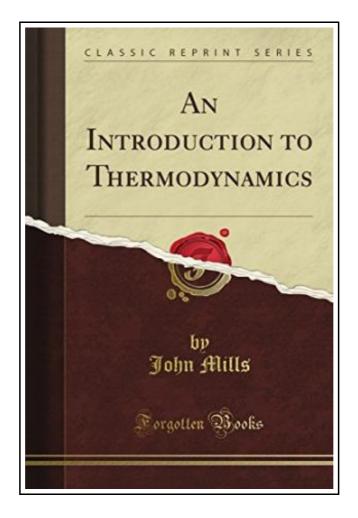
# An Introduction to Thermodynamics: For Engineering Students (Classic Reprint)



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(Hunter Witting)

## AN INTRODUCTION TO THERMODYNAMICS: FOR ENGINEERING STUDENTS (CLASSIC REPRINT)



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from An Introduction to Thermodynamics: For Engineering Students This book is the outcome of the writer s desire to put into the hands of a class, studying introductory thermodynamics, in a concise form a statement of those principles and concepts which are essential to the study of the construction and operation of steam engines, steam turbines, and their auxiliaries, and, to a more limited extent, of air compressors and gas engines. The book deals only with the ideal and limiting cases, and aims only at a preparation of the student for reading the more advanced technical works or papers. As such the text makes no claim to originality except, to some extent, in the selection and arrangement of material and in the location of the emphasis. The material selected is from such sources as the works and books of Clausius, Rankine, Carnot, Kelvin, Stodola, Pellat, Planck, Preston, Edser, Bryan, Boulvin, Swinburne, Peabody, and Buckingham. The arrangement is intended to lead the student from the sophomore physics work into thermodynamics as a continuation and more detailed study of a portion of physical science already somewhat familiar. The emphasis is therefore placed upon the physical concepts, and constant reference is made to the molecular kinetic theory, which is usually familiar to such a student. Although an effort has been made to eliminate as far as practicable the use and solution of differential equations, it is hoped that should the book be used by a student who later takes up the study of pure thermodynamics, he will have little if anything to unlearn and will find the physical interpretation of the mathematical relations rendered easier. The emphasis is also...

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