



## Elements of Heat-Power Engineering, Vol. 1: Thermodynamics and Prime Movers (Classic Reprint) (Paperback)

By William N Barnard

Forgotten Books, 2018. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Elements of Heat-Power Engineering, Vol. 1: Thermodynamics and Prime Movers IN preparing this new edition of the portions of the former book that relate primarily to thermodynamics and the elementary principles of prime movers, it has been found necessary to rewrite them substantially in their entirety in order to incorporate the new methods Of treatment that have been evolved while teaching the subject Since the former editions were issued, and to include important new material. Because of the notable advances that have taken place recently in the field covered, it is believed that much of the subject matter will be of interest not only to teachers but also to practicing engineers. Special attention is directed to the following features: the presenta tion of Reversibility and Entropy in strict accord with modern theory, but at the same time with a frank omission Of the rigorous mathematical details; the derivation Of the General Energy Equation early in the text so that it may be used as the basis Of much of the subsequent discussion; the treatment of the properties, processes and cycles of...



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