



Heat a Manual for Technical, and Industrial Students (Classic Reprint) (Paperback)

By J a Randall

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Heat a Manual for Technical, and Industrial Students This text is intended to set forth briefly the essential principles of heat. The idea of heat as a form of molecular energy is first made clear. The production, the measurement, the transmission, and the effects of heat are then discussed. In Chapters V and VIII particular attention is given to a clear and direct development of the continuity of state, and, in the case of the gaseous state, to the temperature - pressure - volume - energy relations which have a technical application. Care is taken to make the treatment progress slowly enough to make the definitions and the measuring of the physical constants clear. The matter is developed with sufficient rapidity and with enough continuity to give the reader a broad view of the subject as a whole. As a further illustration of the application of the laws of heat, and to give the student a conception of the use to which he should put his study, in Chapters VI, VII, and X, steam power...



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