TREATISE OF THE MECHANICAL THEORY OF HEAT



Filesize: 8.5 MB

Reviews

An extremely wonderful ebook with lucid and perfect explanations. I was able to comprehended almost everything using this composed e publication. It is extremely difficult to leave it before concluding, once you begin to read the book. (Kimberly Carroll)

TREATISE OF THE MECHANICAL THEORY OF HEAT



RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 74 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1876 edition. Excerpt: . . . thermal laws applicable to all bodies. To this extension and generalization chiefly, attention is invited in this chapter. But before entering upon that subject, it is well to familiarize ourselves with the various equivalent algebraic forms in which the theorem of Carnot is usually expressed. By the law of Joule, the work of an engine, receiving q from the source and giving q0 to the refrigerator, without waste, or the total dynamical value of the heat used, is E(q-q0) 2fPdp. But by Carnots theorem, 7 ro (T To); therefore 2 Pdp E(g-q) Eq-(r-r0), which is the complete analytical expression of the two laws. As perfect engines have all the same duty, I-JL 1I L-zli; (119) q r q which gives always the constant ratio, Ll f . . , (120) o (o (Jo (o this result may be thus enunciated: between the same temperatures, the ratio of the quantity of heat given to the refrigerator to the total quantity received by any substance, or system, is constant for all bodies working in cycles of Carnot; and is equal to the ratio of the corresponding temperatures. Equation (119) may be written thus: At Aq q Aq r q q And as ihis is true for all values, it is true when the variation is infinitesimal, or: etc. (121) r q q to which constant ratio (122) Clausius gives the rather obscure name of equivalence-value It is evident that these different forms simply express..

Read TREATISE OF THE MECHANICAL THEORY OF HEAT Online
Download PDF TREATISE OF THE MECHANICAL THEORY OF HEAT

You May Also Like

PDF

Li Xiuying preschool fun games book: Lingling tiger awesome (connection) (3-6 years old)(Chinese Edition) paperback. Book Condition: New. Paperback. Pub Date: 2010. Pages: 30 Language: Chinese in Publisher: Time Publishing and Media Co. Ltd. Anhui Children's Publishing House Hi. you do!! called Lingling Tiger. my vision is to... Download PDF »

PDF

The Adventures of Sheriff Williker: /Book 1: The Case of the Missing Horseshoe

Createspace, United States, 2014. Paperback. Book Condition: New. Kim Hansen (illustrator). large type edition. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. A missing horseshoe for a prize winning... Download PDF »

PDF

Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to... Download PDF »

PDF

Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to... Download PDF »

PDF	

You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the... Download PDF »