



The Steam engine and gas and oil engines a book for the use of students who have time to make experiments and calculations

By John Perry

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 188 pages. Dimensions: 9.7in. x 7.4in. x 0.4in. 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. 1909 edition. Excerpt: . . . vpt B where R is constant and where t may be taken as 6 C. 2737. 6 C. being the reading on what we call sometimes an air thermometer and sometimes a nitrogen or hydrogen thermometer with delightful vagueness. 195. The fact most impressed upon the young engineer is this, that in trying to convert as much of the heat energy H as possible into the mechanical form, the temperatures limit our power, and we can only in the most perfect heat engine convert the fraction of the whole. Carnot thought that when heat fell in temperature and work was done, it was like water falling down a height in a water-wheel. He was wrong. iZat the higher temperature T becomes only h at the lower temperature t, the difference H--h being converted into work w in a perfect engine. Taking it that all...



Reviews

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