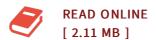




The Steam Engine Considered as a Thermodynamic Machine; A Treatise on the Thermodynamic Efficiency of Steam Engines

By James Henry Cotterrill

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1896 Excerpt: .of the steam and the evaporation of the water. When a certain proportion exists between steam and water, the evaporation of the water exactly compensates for the condensation of the steam: a proportion which is given by the equation x = i, h where Tl T2 are the initial and final temperatures between which the change is supposed to take place. For a small change at temperature T, the above formula is very approximately equivalent to T x =. 1440 At 38 lbs. on the square inch, this gives-5 as the value of x, which at high pressures will be at most-6, and at low pressures at least-45: if a greater change of temperature be considered, the variation in x will be less, and we may say generally that when a mixture of steam and water in equal proportions by weight expands without gain or...



Reviews

An exceptional pdf and the typeface utilized was fascinating to read through. It can be writter in straightforward words and phrases instead of confusing. I am just quickly could possibly get a delight of looking at a written ebook.

-- Prof. Arlie Bogan

It in a single of the best book. This is for those who statte there had not been a well worth reading through. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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