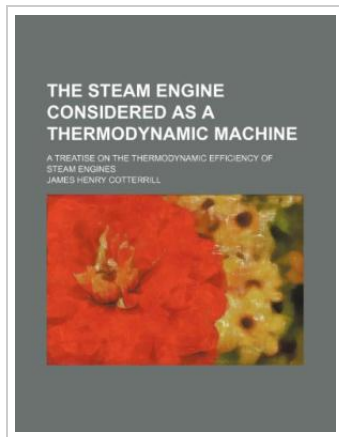




DOWNLOAD



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

---

By James Henry Cotterill

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  $x = i, h h$  where  $T_1 T_2$  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...



READ ONLINE  
[ 9.01 MB ]

### Reviews

*Totally among the finest pdf We have possibly read through. It usually fails to price a lot of I discovered this book from my i and dad suggested this pdf to learn.*

-- Michale Beier I

*This publication is really gripping and exciting. It really is basic but unexpected situations in the 50 % in the book. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Prof. Salvador Lynch