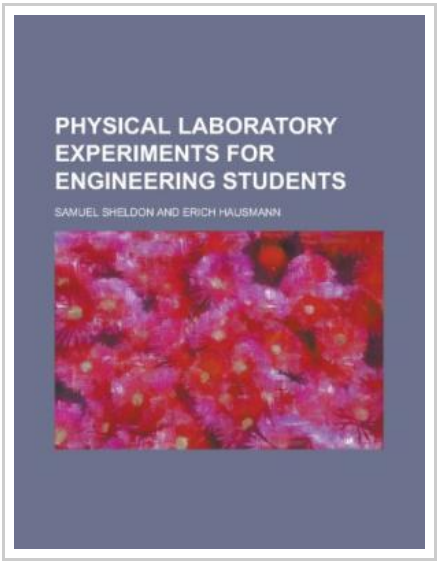

Physical Laboratory Experiments for Engineering Students

By Samuel Sheldon

Rarebooksclub.com, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1917 edition. Excerpt: .holding the copper is released and the copper is then quickly lowered into the calorimeter. The mass of the calorimeter used is 126.5 grams and its specific heat is 0.094. The approximate volume of the immersed part of the calorimeter thermometer is 1 cu. cm., and the product of specific heat and density both for mercury and for glass is nearly 0.46. Therefore the water equivalent of the calorimeter and thermometer is k = 126.5 X 0.094 + 0.46 = 12.35 grams. Procedure. Weigh the bundle of copper scraps and then suspend it in the heating chamber. After partially filling the boiler with water, ignite the gas at the Bunsen burner beneath the boiler. Pass the issuing steam through the steam jacket and from there to a condensing vessel, meanwhile keeping the calorimeter protected from the heater by lowering the wooden shutter. When the...

Reviews

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Extremely helpful for all class of individuals. Better then never, though i am quite late in start reading this one. I realized this publication from my i and dad suggested this ebook to discover.

-- ***Adela Schroeder II***