



Physical Laboratory Experiments for Engineering Students Volume 1; Part I. Mechanics, Sound, Heat, and Light

By Samuel Sheldon

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. 1917 Excerpt: .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 temperature of the heater chamber has been constant for some minutes, pour about 250 grams of water into the calorimeter, the water having a temperature approximately 3 C. below that of the room. Observe the temperature indicated by the thermometer located in the heater chamber, then measure the temperature of its exposed stem, and thereafter note the reading of the thermometer in the calorimeter, estimating tenths of divisions in each case. Immediately raise the shutter, slide the calorimeter under the heater, lower the bundle of copper scraps...



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