



## A Laboratory Guide to Accompany Carhart and Chute s First Principles of Physics

By Horatio Nelson Chute

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. 1913 Excerpt: .332.4 + 0.6t, in which t is the temperature of the air in the tube. In the discussion point out any defects in the method. Form of Tabulation. as follows: ---Record the results, H ) EXERCISE XXVII. VELOCITY OF SOUND Problem.-- Find the velocity of sound in a metal rod. Apparatus.--A special device known as Kundt s apparatus (Fig. 43). Directions.--Clamp the metal rod exactly in the middle. The rubber membrane tied over the end of the glass tube should rest gently against the small cardboard disk that is cemented on the end of the metal rod. Very fine cork dust is Fig. 43 scattered evenly throughout the tube. Stroke the free end of the metal rod either with a wet cloth or leather coated with powdered rosin. With a little practice the right pressure can be found at which the rod yields a clear sound of...



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