



An Elementary Text-Book of Physics Volume 2; Wave Motion

By Robert Wallace Stewart

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. 1909 Excerpt: .rotation at a uniform rate test the sequence of notes obtained (a) by touching the four wheels with the card in succession, beginning with the wheel having the smallest number of teeth, (6) by directing the air jet in similar succession on the four circles of holes in the plate. Provided the speed of rotation is uniform for the short interval of time necessary to get a sequence of four notes as in (a) or (6), it will be found that at all speeds the sequence obtained is the same, and constitutes the common chord on the note of lowest pitch as tonic. This experiment shows that the difference in pitch or the interval between any two notes is determined, whatever may be the individual frequencies of the notes, by the ratio of their frequencies. In the experiment the ratio of the frequencies of the four...



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