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By William Allen Whitworth

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. 1879 Excerpt: . energy experienced by the whole string during the passage of the wave over it will be $W-H = (?-2iB) dx + Vdx + dx, . K A.$ whence we have at once verifying the statement made above. 9. When this wave of extension reaches C it will be succeeded by a wave of contraction down the string corresponding to velocity 3 V, and thereafter by a series of wormlike movements whose velocities, beginning with the first, are V, 2V, 3 7, iV, c. Suppose, for instance, that a wave of extension has just reached C, the velocity corresponding to it being n V, it will be followed by a wave of contraction corresponding to (n +1) V. For let (fig. 11) the unstretched lengths of CP, PQ be x, dx, the stresses in PQ before and after the downward wave being numerically g (l-x) and...

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