



Proceedings of the Engineers Society of Western Pennsylvania Volume 21, No. 1

By Engineers' Society Pennsylvania

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1905 edition. Excerpt: . . . velocity of the rope. In figures 6 to 11 we see the difference in the length of compensating motion instrands required by reason of the difference in the diameter of two sheaves. Fig. 6 represents a sheave of 60 inch diameter and Fig. 9 one of 30 inches diameter. Figures 8 and 10 show in exaggerated scale the relative differences between outer and inner arcs of a rope, in a length of six diameters; and Figures 7 and 11 show the amount of compensation required in each case. By the use of a scale we find that those lengths are inversely as the diameters of the sheaves. In connection with the bending act it is to be said that the straightening of the rope does not require any external force, because in the act of bending the elastic resistance of the strands must be...



READ ONLINE
[1.79 MB]

Reviews

This is actually the finest ebook i have got study till now. I actually have go through and that i am sure that i am going to likely to read once again once again later on. Its been developed in an extremely straightforward way and is particularly simply soon after i finished reading through this ebook through which actually modified me, change the way i really believe.

-- **Mrs. Maybelle O'Conner**

The book is straightforward in read safer to recognize. This really is for anyone who statte there had not been a worthy of looking at. You may like just how the blogger create this publication.

-- **Friedrich Nolan**