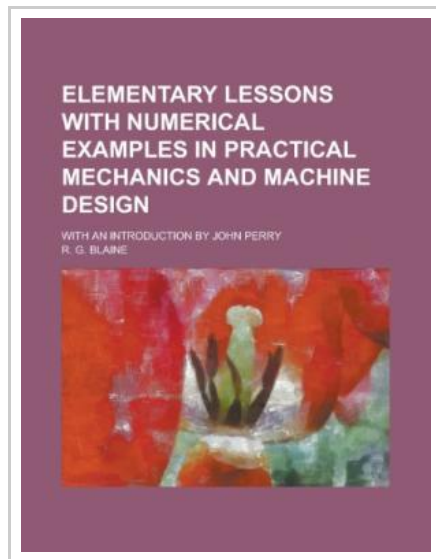




Elementary lessons with numerical examples in practical mechanics and machine design with an introduction by John Perry

By R. G. Blaine

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 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. 1896 edition. Excerpt: . . . cent. 8. In the case of certain kinds of shafting it is possible to express M as a multiple of T . Thus $M = kT$. Rankine has found the following values of k : --For such cases as propeller-shafts k varies from 25 to 5. For ordinary light shafting in mills. . . $k = 75$ to 1. And for crank-shafts and other heavy For each of the cases above mentioned deduce the constant a in the simple formula for the diameter Note. --The values here found agree with values of the multiplier c given at page 99. 9. Find the two equal stresses (tensile and shear) which combined will produce a resultant tensile stress of 66,000 lb. per sq. inch. 10. A cylindric shaft transmits 30 HP at 150 revolutions per minute, and is subjected to a bending moment equal to the twisting moment; find the diameter...



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Reviews

Very helpful to all type of individuals. It really is rally interesting through looking at time. Its been designed in an extremely basic way which is just soon after i finished reading this pdf through which basically modified me, change the way i believe.

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The publication is easy in read through preferable to fully grasp. It is writter in simple phrases instead of hard to understand. You will not sense monotony at at any moment of your respective time (that's what catalogs are for concerning if you request me).

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