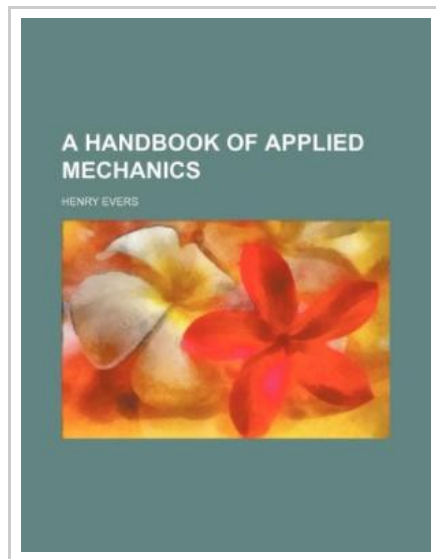




A Handbook of Applied Mechanics (Paperback)

By Henry Evers

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. 1874 Excerpt: .boiler plate is riveted to another. Give the pitch of the rivets, their diameter, and the distance they must stand from the edge of the plates. What natural law is taken advantage of in riveting? State the difference between a shearing and tearing strain. 2. What are the effects of punching on steel and Wrought iron plates? Show the advantages or disadvantages of drilling over punching. What do you recommend should be done to steel plates if they have been punched? 3. On what does the strength of a beam depend? State clearly the best form for (1) a wooden beam, (2) a cast iron beam, (3) a wrought iron beam or girder. What effect has a load upon a beam when placed in different positions? 4. Explain what is meant by the limit of elasticity, and neutral axis. Show that they vary according to the...



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