



The Fatigue of Metals: With Chapters on the Fatigue of Wood and of Concrete (Classic Reprint) (Paperback)

By Herbert Fisher Moore

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Fatigue of Metals: With Chapters on the Fatigue of Wood and of Concrete One of the purposes of the authors in writing this book is to summarize the more important experimental facts concerning the strength of metals under repeated stress. Another purpose is to review. Briefly the more important of the current theories of fatigue of metals. A third purpose is to give a brief description of apparatus and methods used in making an experimental study of the fatigue of metals. In compiling tables of results of tests of various materials, the guiding principle has been to make available to the reader, in compact and convenient form, typical results for various materials, giving in each case as complete a statement as possible of the chemical composition and heat treatment of each metal. This, it is believed, will enable the reader to form some judgment as to what may normally be expected from these metals. The results quoted are, for all the metals reported, obtained from test data of tests covering a sufficient number of repetitions of stress to...



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