



Practical Mechanics and Allied Subjects (Classic Reprint) (Paperback)

By Joseph W L Hale

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Practical Mechanics and Allied Subjects by Joseph W. L. Hale is an exhaustive book on mechanics and the various allied aspects related to it. Hale provides detailed concepts, illustrations, tables and calculations for the reader to contextualize and understand the intricacies involved in applied mechanics. Intended for vocational purposes, this book can be useful for the lay reader as much as it is for professionals. Hale starts with key definitions including force, gravitation, screw threads and levers among others. Spread across twenty chapters, the book covers aspects like electricity, strength of materials, measurements, logarithms, gears, trains and pulleys apart from many others. Interestingly, each section provides a set of problems for the reader to solve based on the contents in that particular segment. While Hale dedicates separate chapters to almost all the elements that constitute mechanics, the discussion on strength of materials is particularly enlightening wherein he details out the limits, testing methodologies as well as factors of safety of various materials. Almost each page of the book has a diagram or mathematical calculations to back...

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