



Statics, Including Hydrostatics and the Elements of the Theory of Elasticity (Classic Reprint)

By Sir Horace Lamb

Forgotten Books, United States, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Statics, Including Hydrostatics and the Elements of the Theory of Elasticity This book contains, with some modifications, the substance of lectures which have been given here for a number of years. It is intended for students who have already some knowledge of elementary Mechanics, and who have arrived at the stage at which they may usefully begin to apply the methods of the Calculus. It deals mainly with two-dimensional problems, but occasionally, where the extension to three dimensions is easy, theorems are stated and proved in their more general form. The present volume differs from many academical manuals in the prominence given to geometrical methods, and in particular to those of Graphical Statics. These methods, especially in relation to the theory of frames, have imported a new interest into a subject which was in danger of becoming fossilized. I have not attempted, however, to enter into details which are best learned from technical treatises, or in engineering practice. It seemed natural and convenient to treat of Hydrostatics, to a similar degree of development, and I...

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