# A Theoretical and Practical Treatise on the Strength of Beams and Columns: In Which the Ultimate and the Elastic Limit Strength of Beams and Columns Is Computed from the Ultimate and Elastic Limit

By Robert H Cousins

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from A Theoretical and Practical Treatise on the Strength of Beams and Columns: In Which the Ultimate and the Elastic Limit Strength of Beams and Columns Is Computed From the Ultimate and Elastic Limit Compressive and Tensile Strength of the Material, by Means of Formulas Deduced From the Correct, and New Theory of the Transverse Str For more than two centuries the mathematical and mechanical laws that govern the transverse strength of Beams and Colmnns have received the attention of the most expert mathematicians of all countries. Galileo, in 1638, formulated and published the first theory on the subject. He was followed by such philosophers as Mariotte, Leibnitz, Bemouilli, Coulomb, and others, each amending and extending the work of his predecessor, until the year 1824, when Navier succinctly stated the theory that is recognized to be correct at the present day, and to which subsequent writers and investigators have added but little. This theory has neither received the endorsement of the experimenters nor of some of the theoretical writers. Excepting as exhibiting approximately the laws of...

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