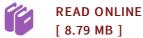# Graphical Statics: Two Treatises on the Graphical Calculus and Reciprocal Figures in Graphical Statics (Classic Reprint) (Paperback)

By Luigi Cremona

Forgotten Books, United States, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Graphical Statics: Two Treatises on the Graphical Calculus and Reciprocal Figures in Graphical Statics A great many of the propositions, which form the Graphical Calculus of the present day, have been known for a long time; but they were dispersed in various geometrical works. We are indebted to Culmann for collecting and placing them at the head of his Graphical Statics; a branch of science, created by him, which is such a powerful help in engineering problems. The first chapter of this small work, which now appears in English, treats of the use of signs in Geometry, as Moebius conceived them. The succeeding chapters, on Graphical Addition and other arithmetical operations, contain chiefly the graphical calculation of a system of forces in a plane when they are represented by rectilinear segments. The research on centroids, to which the reduction of plane figures serves as an introduction, refers equally to the same subject, being nothing else but the determining of the centres of systems of parallel forces. A special chapter is dedicated to Lill s method...

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