The Elements of Graphical Arithmetic and Graphical Statics (Paperback)

By John Y Gray

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1893 Excerpt: .according as the rotation is counter-clock-wise or clock-wise. It is evident that a force has no moment about any point which lies on its line of action. It is proved in works on Statics that the moment of the resultant of any number of forces in a plane, about a point in that plane, is equal to the algebraic sum of the moments of the several forces about that point. If the moment be zero, then the forces have no tendency to produce rotation about the point, and this is due either to the resultant being zero, or to its passing through the point. 91. To represent graphically, the moment of a force AB about a point Q by means of the funicular polygon. Draw ab parallel to AB to represent it to any scale. Take any pole o, and join oa, ob. From any point...

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