



## An Elementary Treatise on Statics

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By J W Mulcaster

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. 1871 Excerpt: .of the forces which tend to turn it the opposite way, the lever will be in equilibrium. Balances. 131. A balance is an instrument for the purpose of ascertaining the weights of different bodies. 132. The Common Balance consists of an inflexible rod AB, called the beam, moving jl freely about a fulcrum C y at its middle point. At A, B are suspended equal scale-pans, the parts of the balance on each side of C being similar and equal in every respect. The fulcrum Cand the point of support are in the same vertical line, and the centre of gravity of the beam is a little below C. In one of the scale-pans P is placed the substance whose weight is required, and in the other weights of known magnitude fFare placed until the two are in equilibrium, that is until the beam is horizontal....



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