



Experimental Enquiry Concerning the Natural Powers of Wind and Water, to Turn Mills and Other Machines Depending on a Circular Motion and an Experimental Examination of the Quantity and Proportion of Mechanic Power

By John Smeaton

Rarebooksclub.com, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1794 edition. Excerpt: . itaining Nineteen Setts of Experiments on Windmill-Sails s Structures, Pos1tions, and Quantities of Surfaces. Observations and Deduions from the. preceding Experiments. I. Concerning the btft Form and Position of Windmill-Sails. In Table III. N. I. is contained the result of a set of experiments upon fails set at the angle which the celebrated Mons. Parint, and succeeding geometricians for many years, held to be the best; viz. those whose planes make an angle 55 nearly with the axis; the complement whereof or angle that the plane of the fail makes with the plane of their motion, will therefore be 35, as set down in col. 2. and 3. Now if we multiply their number of turns by the weight they lifted, when working to the greatest advantage, as set down in columns 5. and 6. and compare this product (col. 8.) with the...



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