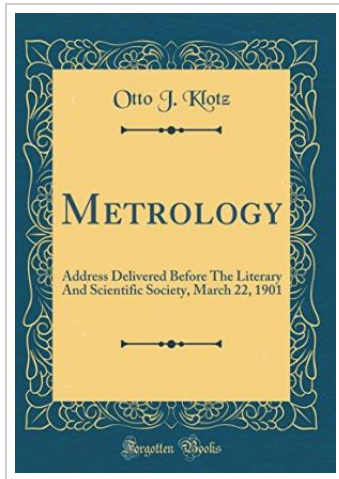




Metrology: Address Delivered Before the Literary and Scientific Society, March 22, 1901 (Classic Reprint) (Hardback)

By Otto J Klotz

Forgotten Books, 2017. Hardback. Condition: New. Language: French . Brand New Book ***** Print on Demand *****.Excerpt from Metrology: Address Delivered Before The Literary And Scientific Society, March 22, 1901 By the Imperial Act of 1824, the standard yard of 1760 and the brass Troy pound of 1758, of 5,760 grains were made the units of measure, and declared to be the only original and genuine standards, from which all other Imperial weights and measures were to be derived. The former were destroyed by the burning of the Houses of Parliament in 1834. In the Act of 1824, referred to, a provision, based on scientific principles, but in this case unpractical, was made for the contingency of loss of the original standards. From experiments made, it was found that a cubic inch of distilled water, at 62 F., barometer at 30 inches, weighed 252.458 grains; and also that a pendulum vibrating seconds of mean time in the latitude of London, in a vacuum at the level of the sea, measured 39.1393 standard inches. Theoretically it was therefore comparatively simple, to find the length of a standard inch (hence yard) by means of a pendulum. Having a standard inch, the cubic...



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