



Hydraulic Tables, Coefficients Formulae; For Finding the Discharge of Water from Orifices, Notches, Weirs, Pipes Rivers (Paperback)

By John Neville

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. 1861 Excerpt: .feet, and the inclination of the surface 4 inches in a mile; what is the quantity flowing down per minute? Transactions of the Institution of Civil Engineers, pp. 201, 210, vol. ii. 4 (1817) x Here--=2 4272 feet=29-126 inches nere 7 + 2x6-8--20-6--r, is the hydraulic mean depth; and as the fall is 4 inches per mile, we find at the 11th page of Table VIII., the velocity $v = 12-03--16 = 11-87$ inches per second; the discharge in cubic feet per minute is, therefore, $50 \times--X 60 = 2967-5$. $12 \ 15840 = 94-17 \times yZL-TM =1-17$ feet = 14-04 inches. 6626 80-7 Watt, in a canal of the fall and dimensions here given, found the mean velocity about 13 i inches per second. This corresponds to a fall of 5 inches in the mile, according to the formula. Du Buat s formula is...



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