



Hydraulics of Rivers, Weirs and Sluices; The Derivation of New and More Accurate Formulas for Discharge Through Rivers and Canals Obstructed by Weirs, Sluices, Etc., According to the Principles of Gustav Ritter Von

By David Albert Molitor

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. 1908 Excerpt: . experiments 1 to 22, Table II. When inserted in Eq. (66) and calling $p = 1$, because all these experiments were made on sharp crested weirs, then for dimensions in feet: $j = 0.40105 - 0.00453 (jjh + J + g48 + 0.0001326 (67)$ and for dimensions in meters: $2 / H, 0.00106, , .-n, = 0.40105 - 0.00453 jj + k) + -H - + -0043 b (68)$ The values of $/-$. were then computed from Eq. (67) for each of the tabulations 1 to 32. The resulting errors, expressed in percentage, were entered in the last column of Table II. The tabulations 41-45, Table III, were similarly treated and comparatively close agreements were found even though the experiments of Boileau were not conducted with the same degree of accuracy, nor under the same conditions as those in Table II. The tabulations 33 to 40, in Table III, do not fit Eq. (67), because the...



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