Dams and Weirs; An Analytical and Practical Treatise on Gravity Dams and Weirs; Arch and Buttress Dams; Submerged Weirs; And Barrages

By William George Bligh

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. 1915 edition. Excerpt: . which R is the radius of the extrados, sometimes measured to the center of the crest, H the depth of the lamina, b its width, and w the unit weight of water or fa ton. Into this formula p, the specific gravity of the material in the arch, does not enter. This simple formula answers well for all arched dams of moderate base width. When, however, the base width is considerable, as, say, in the case of the Pathfinder dam, the use of a longer formula giving the maximum stress (s) is to be preferred. This formula is derived from the same principle affecting the relations of s and Si, or of the maximum and average stresses already referred to in Part I on Gravity Dams. The expression is as follows, r being the radius of the intrados: 2R RHw 2R S-SR+r) b...

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Reviews

The publication is great and fantastic. I am quite late in start reading this one, but better then never. I discovered this pdf from my dad and i suggested this ebook to discover.
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