



Symmetrical Masonry Arches, Including Natural Stone, Plain-Concrete, and Reinforced-Concrete Arches

By Malverd Abijah Howe

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. 1914 Excerpt: .not be decided upon until the shape of the arch ring is determined. In this case let the ring be of uniform depth throughout; then, in order that J may be constant, the axis should be divided into equal parts. In all summation formulas it is well known that the smaller the divisions are made the more accurate will be the results. (In this particular case s s might be replaced by d s, and the problem solved, as far as H_i , M_i , etc., are concerned, by means of integration.) A Treatise on Arches, by Malverd A. Howe, John Wiley Sons, Inc., New York. Ordinarily twenty divisions will give results sufficiently accurate for practical purposes. This number will be used. From Fig. 20, In this particular case we are probably not warranted in using three decimal places in the values of x and y , although the labor is...



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