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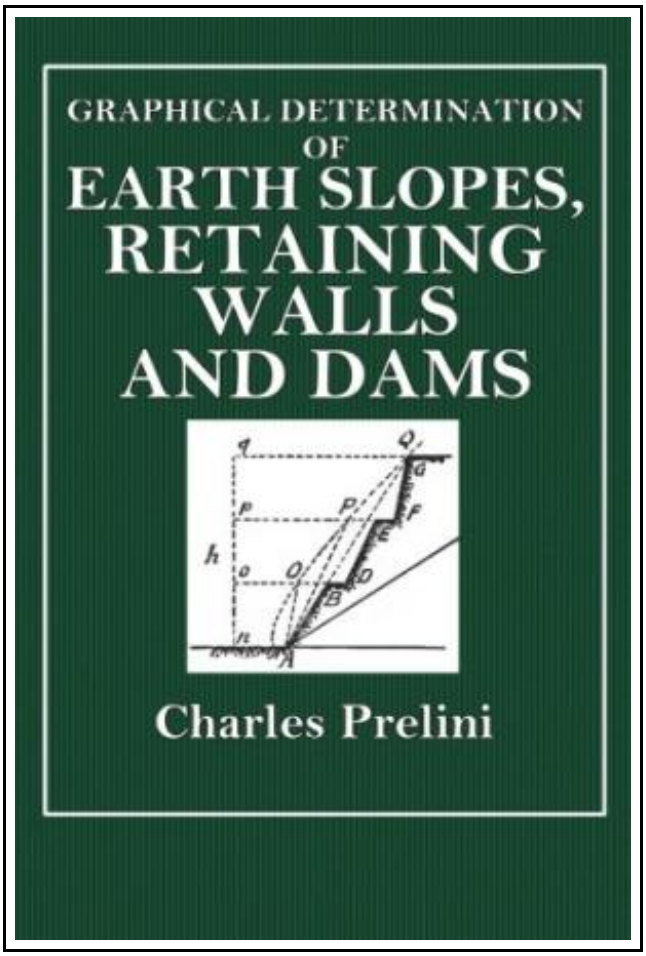

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Reviews

The publication is great and fantastic. It really is simplistic but surprises within the 50 % from the publication. Your daily life span will be change when you comprehensive reading this article book.
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GRAPHICAL DETERMINATIONS OF EARTH SLOPE, RETAINING WALLS AND DAMS (PAPERBACK)

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Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The author states that this book ls intended for students and not for professional engineers, but the subject treated is one of deep interest to civil engineers as well. The stability of earth slopes is considered, in the first chapter, on the basis of the angle of natural slope due to the internal friction of the material, and also by including with the friction the cohesion of the soil which is found to exist in old well settled banks. The subject is treated both graphically and analytically. The slope of equal stability as affected by height of bank when cohesion is considered is then constructed, bringing out the steep top and flat bottom, which is characteristic of the natural earth slope. Comparisons are then made of the amounts of excavation per lin. ft. for a 50-ft. cut taken out to different uniform slopes, with those obtained for corresponding slopes of equal stability or equal safety and the saving in excavation shown. The pressure of earth against retaining walls is taken up graphically in Chapter II., using the method given by Rebhann. The treatment includes the irregular profile or surcharge, also the effect of cohesion for walls supporting firm undisturbed earth free from water and frost. The passive pressure or the resistance of earth to motion from the horizontal thrust of say an arch is also considered. The analytical method from Rebhann is developed in Chapter III., while the formulas of Rankine and Weyrauch are given without derivation. No account is taken of cohesion in this chapter. At the close of the chapter three tables are given showing the close numerical agreement between the three methods for heights of...

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