A Technique for the Solution of Skyline Catenary Equations (Classic Reprint) (Paperback)

By Ward W Carson

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from A Technique for the Solution of Skyline Catenary Equations The designer of such a skyline must determine the load-carrying capability in order to establish mechanical and economic feasibility. Unfortunately, the direct computation of skyline load - carrying capability is not a simple procedure. The mathematical model of the skyline cable arrangement consists of a set of hyperbolic functions. As these hyperbolic functions are transcendental (that is, they cannot be manipulated algebraically for direct solution), it is difficult to obtain numerical solutions. An iterative (trial and error) procedure is required to determine numerical results. In terms of man - hours or computer time, these trial-and-error procedures can become very costly. This paper presents an iterative procedure, developed to provide numerical solutions to skyline problems, which has proven to be more efficient than other methods in the use of computer time. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing...

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