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## A Practical Treatise on Suspension Bridges: Their Design, Construction and Erection (Classic Reprint)

By David B Steinman, D B Steinman

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from A Practical Treatise on Suspension Bridges: Their Design, Construction and Erection This book has been planned to supply the needs of practicing engineers who may have problems in estimating, designing or constructing suspension bridges, and of students who wish to prepare themselves for work in this field. The aim has been to produce an up-to-date, practical handbook on the subject, distinguished by simplicity of treatment and convenience of application. In the first division, on Stresses in Suspension Bridges, the formulas have been corrected to conform, to modern practice, and reduced to their simplest and most convenient form for direct application by the designing engineer. The formulas are supplemented by curves for their expeditious solution, and by alternative graphical methods for determining stresses. The second division, on Types and Details of Construction, presents data and illustrations to assist the designing engineer in the selection of type of suspension bridge and in the determination of proportions, specifications, and details for the various elements of suspension construction. The third division, on Typical Design Computations, gives numerical examples of...



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