



Bridges and Roofs: With Practical Applications and Examples, for the Use of Engineers and Students (Classic Reprint) (Paperback)

By Samuel H Shreve

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Bridges and Roofs: With Practical Applications and Examples, for the Use of Engineers and Students In the following treatise I have applied the simpler processes of Algebra to the discussion of the subject of strains in single span trusses, and have obtained many formulae for practical application, sufficiently elucidating this method, I hope, to render easy the determination of other formulae adapted to any form of truss that ingenuity may suggest. Only algebraic processes have been employed, because they are simpler, more comprehensible, more practical, and more accurate in practice, than those of the higher mathematics. Uniformly distributed loads alone have been considered, whether full or partial, since it may be possible to load each part with the load which may be brought upon any one part; and if we consider the density of the whole load to equal the maximum density at any point, any other case can only produce a less strain. No comparison is made between the different systems which are given, many of them for the first time, since practical details...



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