



Practical Mathematics, Vol. 1: Instruction Paper (Classic Reprint) (Paperback)

By Glenn Moody Hobbs

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Practical Mathematics, Vol. 1: Instruction Paper No one who is at all acquainted with the demands of the Engineering profession will deny the need of a good foundation in elementary mathematics any more than he will deny the need of a solid underpinning on which to rest the walls of a big business block. The simplest problems of the contractor and workman, such as the number of feet of lumber required for a house, the number of cubic yards of excavation for a ditch or cellar, the proper understanding of plans and specifications, and the laying off of measurements according to these plans, all require a knowledge of this important subject. The size of a concrete retaining wall, the dimensions of a girder for a steel structure, the amount of iron in the field of a dynamo, or the capacity of the cylinders of an engine, is certainly not left to the arbitrary judgment of a foreman but is carefully worked out by mathematics and by a knowledge of the properties of the materials used....



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