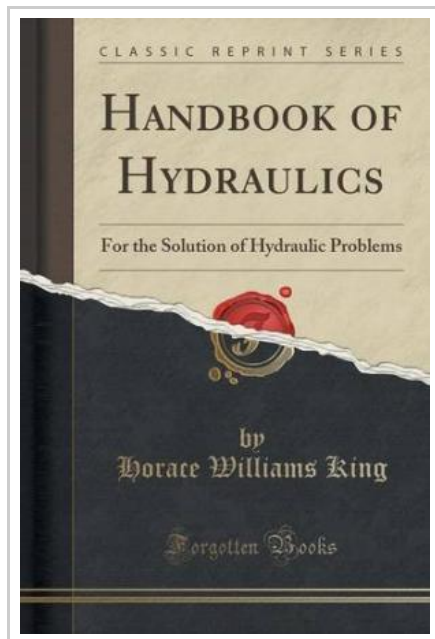




## Handbook of Hydraulics: For the Solution of Hydraulic Problems (Classic Reprint) (Paperback)

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By Horace Williams King

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Handbook of Hydraulics: For the Solution of Hydraulic Problems In applied hydraulics rational theory must give place to experimental knowledge. Though every particle of flowing water moves in accordance with definite fixed laws, such laws are intricate and imperfectly understood. In many instances the basic formulas used in hydraulic computations are derived from theoretical considerations, but they must invariably be corrected by experimental coefficients and frequently they become thereby so transformed as to bear but a slight resemblance to the original formulas. Many thousands of experiments on flowing water have been performed during the last two centuries, the results of which form the basis of our present science of hydraulics. These experiments present many incongruities and as they do not cover the range of conditions required in practice, it is difficult to devise from them accurate working rules and formulas. The hydraulic engineer is therefore confronted with the task of making what appears to be the most reasonable application of the available data to each problem that he encounters. A great number of empirical formulas...



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