



The Centrifugal Pump, Turbines, and Water Motors: Including the Theory and Practice of Hydraulics, (Specially Adapted for Engineers) (Classic Reprint) (Paperback)

By Charles Herbert Innes

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Centrifugal Pump, Turbines, and Water Motors: Including the Theory and Practice of Hydraulics, (Specially Adapted for Engineers) I have endeavoured in this little work to put in as concise a form as possible the theory of Turbines, Centrifugal Pumps, and Fans. Commencing with the assumption of the law of the conservation of energy, and afterwards assuming the law that the change of angular momentum is equal to the angular impulse of the force producing it, and that the losses of energy in a stream are proportional to the square of the velocity of flow, I have done my best to place before the reader methods of designing the above machines, which I hope will be of practical service. In the third edition I added a method of Turbine design, mainly graphical, for which I was indebted to Professor Rateau, whose work *Traite des Turbo-Machines*, well deserves perusal, and is one of the leading works on the subject. In this, the fourth edition, additions have been made to Chapter XXVII., and I have added an...



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