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Descrizione fisica	1 online resource (96 pages)
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Soggetti	Pipe - Hydrodynamics Drainage pipes - Design Sewer design
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Nota di contenuto	section 1. Pipes flowing under pressure tables for discharge and loss of head and power -- section 2. Pipes flowing full under gravity tables for discharge and gradients required -- section 3. Hydraulic parameters of pipes flowing partially full.
Sommario/riassunto	About the Book: The Book is basically a hydraulic design aid for selection to diameter of pipe and/or deciding gradient of the pipeline to convey water from one place to the other economically. The novel feature of the book is that it highlights the power wasted in overcoming resistance due to friction offered by the surface of pipe in contact with the water. A judicious selection of right size of pipe diameter can save even up to 90% of the power used in transmission of water. The book also helps select appropriate gradient of the pipe line to convey a designed flow through pipe flowing un