

1. Record Nr.	UNINA9910466047303321
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Titolo	Smart water utilities : complexity made simple / / Pernille Ingildsen and Gustaf Olsson
Pubbl/distr/stampa	London, England : , : IWA Publishing, , 2016 ©2016
Descrizione fisica	1 online resource (307 pages)
Disciplina	628.162
Soggetti	Water - Purification Sustainable development Water treatment plants - Management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Today there is increasing pressure on the water infrastructure and although unsustainable water extraction and wastewater handling can continue for a while, at some point water needs to be managed in a way that is sustainable in the long-term. We need to handle water utilities "smarter". New and effective tools and technologies are becoming available at an affordable cost and these technologies are steadily changing water infrastructure options. The quality and robustness of sensors are increasing rapidly and their reliability makes the automatic handling of critical processes viable. Online and real-time control means safer and more effective operation. The combination of better sensors and new water treatment technologies is a strong enabler for decentralised and diversified water treatment. Plants can be run with a minimum of personnel attendance. In the future, thousands of sensors in the water utility cycle will handle all the complexity in an effective way. Smart Water Utilities: Complexity Made Simple provides a framework for Smart Water Utilities based on an M-A-D (Measurement-Analysis-Decision). This enables the organisation and implementation of "Smart" in a water utility by providing an overview of supporting</p>

technologies and methods. The book presents an introduction to methods and tools, providing a perspective of what can and could be achieved. It provides a toolbox for all water challenges and is essential reading for the Water Utility Manager, Engineer and Director and for Consultants, Designers and Researchers.

2. Record Nr.	UNINA9910136833803321
Titolo	ANSI/IEEE C37.92-1969 (IEEE 288-1969) : ANSI American National Standard Guide for Induction Motor protection // IEEE
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 1968
ISBN	1-5044-0506-4
Descrizione fisica	1 online resource
Disciplina	621.46
Soggetti	Electric motors, Induction Electric motors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The application guide for relay protection of squirrel-cage and wound-rotor induction motors presents a review of the generally accepted forms of motor protection and summarizes the use of relays and devices, singly and in combination, to enable the reader to properly select the necessary equipment to obtain adequate motor protection. The Guide is prepared primarily for the protection of three-phase integral-horsepower motors and refers to single- or two-phase motors only in special instances and only where specifically indicated. It is especially useful where the motor installation is sufficiently important, due to either its size or the consequences of motor malfunction, to justify specific design of the protective system. It also provides the information necessary to judge whether there are safety or economic reasons for such a specific design.</p>