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Sommario/riassunto	Annotation This comprehensive book is the only one that addresses theory, practice, management, purchasing and marketing of cooling water systems in one volume. The approach of this essential reference is practical and international, and it is based on 30 years of professional experience. Profusely illustrated, this handbook will enable professionals to understand the factors that may interfere and compromise the optimal functioning of cooling water systems, used in every industrial and commercial premise in the world (e.g., industrial plants, large office towers; hospitals, hotels, etc.). Maintenance of cooling water systems is based on specialty chemicals, and this invaluable handbook contains information on chemical formulations and programming, considered "taboo" and never published before. Scaling, corrosion, micro-biological deposits, among others, interfere with the transfer of heat, a key element to achieve a cost-effective operation of cooling water systems, examined in chapters on Cooling System & Heat Exchange Essentials; Make-Up Water Sources & Their Impurities; and Corrosion, Fouling & Deposition. Different treatments, pre-treatment equipment, devices; application of different chemicals; and computer software programs are analyzed in the chapters on Chemical Treatments & Programs for Cooling Water Systems; and

Microbiological Control Programs. Specially important to decision-makers, water treatment field personnel, and cooling water systems marketing personnel are the chapters on Buying and Selling Cooling Water Programs; Surveys, Inspections and Cooling Water Program Selection. The chapters on Managing Cooling Systems and Monitoring and Control, address the importance of improving and maintaining the quality of the cooling water systems process and of optimizing operating costs. An indispensable source for: Chemical, Plant, Maintenance, Operations, Process and Utility Services Engineers; specialty chemicals companies personnel and cooling water systems marketing personnel.
