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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Reverse Osmosis; Contents; Preface; PART 1 FUNDAMENTALS; 1 Introduction and History of Development; 2 Reverse Osmosis Principles; 3 Basic Terms and Definitions; 4 Membranes; 5 Basic Flow Patterns; 6 Reverse Osmosis Skids; PART 2 PRETREATMENT; 7 Water Quality Guidelines; 8 Techniques and Technologies; PART 3 SYSTEM DESIGN; 9 Design Considerations; 10 RO Design and Design Software; PART 4 OPERATIONS; 11 On-Line Operations; 12 Performance Degradation; 13 Off-Line Operations; PART 5 TROUBLESHOOTING; 14 Troubleshooting; PART 6 SYSTEM ENGINEERING; 15 Issues Concerning System Engineering 16 Impact of Other Membrane TechnologiesPART 7 FREQUENTLY ASKED QUESTIONS; 17 Frequently Asked Questions; Unit Equivalent and Conversions; Index
Sommario/riassunto	The most comprehensive and up-to-date coverage of reverse osmosis in industrial applications. Reverse osmosis is rapidly growing as a water treatment technology used for many applications, such as boiler feed

water and recovering wastewater for reuse. This "green" technology is becoming more and more widely used in many settings, especially in industry. Even as the technology becomes more widespread, the understanding of the technology is lagging behind. Reverse Osmosis provides an essential reference for any process or chemical engineer working with this emergent technology.<
