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Descrizione fisica	1 online resource (XVII, 357 p. 225 illus., 147 illus. in color.)
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Nota di contenuto	Chapter 1: Concept of Solar Desalination -- Chapter 2: Design of various Solar Desalination Systems -- Chapter 3: Thermodynamics of the various types of Solar Desalination Systems -- Chapter 4: Performance Analysis of Passive Solar Desalination Systems -- Chapter 6: Performance Analysis of Active Solar Desalination Systems -- Chapter 7: Numerical modelling of Solar Desalination Systems -- Chapter 8: Energy Analysis of the Solar Desalination Systems -- Chapter 9: Exergy Analysis of the Solar Desalination Systems -- Chapter 10: Application of PCM in Solar Desalination Systems -- Chapter 11: Economic Analysis of the Solar Desalination Systems -- Chapter 12: Environmental Analysis of the Solar Desalination Systems.
Sommario/riassunto	This book presents the latest developments and advances in solar desalination technology, including the concept, design, testing, modeling, economics and innovation. The chapters in this volume are contributed by leading international researchers and are based on original research material. The contents of this volume will be of interest to researchers, professionals, and policymakers alike.

