Record Nr. UNINA9910792337003321 Autore Dincer Ibrahim <1964-> Titolo Refrigeration systems and applications [[electronic resource] /] / Ibrahim Dincer, Mehmet Kanoglu Chichester, West Sussex, U.K.; Hoboken, N.J., Wiley, 2010 Pubbl/distr/stampa **ISBN** 1-5231-2376-1 1-119-95670-6 1-282-55080-2 9786612550805 0-470-66109-7 0-470-66108-9 Edizione [2nd ed.] Descrizione fisica 1 online resource Altri autori (Persone) KanogluMehmet Disciplina 621.5/6 Soggetti Cold storage Frozen foods Refrigeration and refrigerating machinery Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Refrigeration Systems and Applications; Contents; About the Authors; Preface; Acknowledgements; 1 General Aspects of Thermodynamics, Fluid Flow and Heat Transfer; 2 Refrigerants; 3 Refrigeration System Components; 4 Refrigeration Cycles and Systems; 5 Advanced Refrigeration Cycles and Systems; 6 Heat Pumps; 7 Heat Pipes; Appendix A - Conversion Factors: Appendix B - Thermophysical Properties: Appendix C - Food Refrigeration Data: Subject Index Refrigeration Systems and Applications, 2nd edition offers a Sommario/riassunto comprehensive treatise that addresses real-life technical and operational problems, enabling the reader to gain an understanding of the fundamental principles and the practical applications of refrigeration technology. New and unique analysis techniques (including exergy as a potential tool), models, correlations, procedures and applications are covered, and recent developments in the field are included - many of which are taken from the author's own research activities in this area. The book also includes so