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| Record Nr. | UNINA990002561880403321 |
| Autore | Knopp, Konrad |
| Titolo | Funktionentheorie / Konrad Knopp |
| Pubbl/distr/stampa | Berlin : Walter de Gruyter, 1965 |
| Edizione | [-] |
| Descrizione fisica | 2 v. ; 16 cm |
| Collana | GIG ; 668 |
| Locazione | MAS |
| Collocazione | MXIII-A-120 |
| | MXIII-A-121 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Vol. 1 : Grundlagen der allgemeinen theorie der analytischen funktionen 144 p. - Vol. 2 : Anwendungen und weiterfuhrung der allgemeinen theorie 130 p. |

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| 2. | Record Nr. | UNINA9910449857303321 |
| | Autore | Gordon Jeffrey M |
| | Titolo | Cool thermodynamics [[electronic resource] ] : the engineering and physics of predictive, diagnostic and optimization methods for cooling systems / / Jeffrey M. Gordon and Kim Choon Ng |
| | Pubbl/distr/stampa | Cambridge, UK, : Cambridge International Science Publishing, 2001 |
| | ISBN | 1-280-50067-0 |
| | | 9786610500673 |
| | | 1-4237-2108-X |
| | | 1-904602-33-9 |
| | Descrizione fisica | 1 online resource (276 p.) |
| | Altri autori (Persone) | NgKim Choon |
| | Disciplina | 697 |
| | Soggetti | Refrigerants - Thermal properties |
| | | Heat pumps |
| | | Thermodynamics |
| | | Electronic books. |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | Description based upon print version of record. |
| | Nota di contenuto | Contents; Preface; NOMENCLATURE; CONVERSION TABLE; 1. WHAT THE BOOK HAS TO OFFER AND THE INTENDED AUDIENCES: MODELING, DIAGNOSING AND OPTIMIZING COOLING DEVICES; 2. THERMODYNAMIC AND OPERATIONAL FUNDAMENTALS; 3. STANDARDS, MEASUREMENTS AND EXPERIMENTAL TEST FACILITIES FOR CHILLERS AND HEAT PUMPS; 4. ENTROPY PRODUCTION, PROCESS AVERAGE TEMPERATURE AND CHILLER PERFORMANCE: TRANSLATING IRREVERSIBILITIES INTO MEASURABLE VARIABLES; 5. THE FUNDAMENTAL CHILLER MODEL IN TERMS OF READILY-MEASURABLE VARIABLES |
| | | 6. EXPERIMENTAL VALIDATION OF THE FUNDAMENTAL MODEL AND OPTIMIZATION CASE STUDIES FOR RECIPROCATING CHILLERS7. FINITE-TIME THERMODYNAMIC OPTIMIZATION OF REAL CHILLERS; 8. COOLANT FLOW RATE AS A CONTROL VARIABLE; 9. OPTIMIZATION OF ABSORPTION SYSTEMS; 10. QUASI-EMPIRICAL THERMODYNAMIC MODEL FOR CHILLERS; 11. THE INADEQUACY OF ENDOREVERSIBLE MODELS; 12. HEAT EXCHANGER INTERNAL DISSIPATION IN CHILLER ANALYSIS AND |

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| Sommario/riassunto | This book is geared toward those interested in the engineering and physics of air-conditioning and refrigeration devices (chillers). Analytic thermodynamic models are developed for a wide variety of cooling systems and a broad range of operating conditions. These models are easily implemented in the field or laboratory. |