1. Record Nr. UNINA9910299747903321

Autore	Gu Junjie
Titolo	Entransy in Phase-Change Systems / / by Junjie Gu, Zhongxue Gan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-07428-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (66 p.)
Collana	SpringerBriefs in Thermal Engineering and Applied Science, , 2193-2530
Disciplina	660.2969
Soggetti	Thermodynamics Heat engineering Heat transfer Mass transfer Energy systems Renewable energy resources Phase transitions (Statistical physics) Engineering Thermodynamics, Heat and Mass Transfer Energy Systems Renewable and Green Energy Phase Transitions and Multiphase Systems
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 at the end of each chapters.
Nota di contenuto	Introduction -- Fundamentals of Entransy and Entransy Dissipation Theory -- Application of Entransy Theory in Thermal Storage System -- Application of Entransy Theory in Absorption Refrigeration System.
Sommario/riassunto	Entransy in Phase-Change Systems summarizes recent developments in the area of entransy, especially on phase-change processes. This book covers new developments in the area including the great potential for energy saving for process industries, decreasing carbon dioxide emissions, reducing energy bills and improving overall efficiency of systems. This concise volume is an ideal book for engineers and scientists in energy-related industries.