1. Record Nr. UNINA9911019626003321

Autore: Bidyut Baran Saha

Titolo: Advancements in Non-Conventional Cooling and Thermal Storage Strategies

Pubbl/distr/stampa: John Wiley & Sons, Inc, 2024

ISBN: 9781394189953
1394189958
9781394189946
139418994X
9781394189939
1394189931

Edizione: [1st ed.]

Descrizione fisica: 1 online resource (381 pages)

Disciplina: 697

Soggetti: Cooling systems
Heat storage

Lingua di pubblicazione: Inglese

Formato: Materiale a stampa

Livello bibliografico: Monografia

Nota di contenuto:

	Procedure -- 3.2.6 Isotherm Models
Sommario/riassunto	This book explores advancements in cooling and thermal storage strategies with a focus on sustainable space conditioning. It addresses the critical issues of energy consumption and environmental impact associated with conventional cooling systems. By examining adsorption and absorption technologies, metal-organic frameworks, and phase-change materials, the authors aim to provide innovative solutions to reduce energy consumption and tackle climate change challenges. The book is intended for researchers, engineers, and professionals in the fields of energy and environmental science, offering fresh perspectives on passive cooling strategies, renewable energy integration, and thermal energy storage systems.