

1. Record Nr.	UNINA9910822706703321
Autore	Nishizawa Taiji
Titolo	Thermodynamics of microstructures // Taiji Nishizawa ; translated by Kiyohito Ishizawa
Pubbl/distr/stampa	Materials Park, OH, : ASM International, 2008
ISBN	1-62708-357-X 1-62198-293-9 1-61503-128-6
Edizione	[1st ed.]
Descrizione fisica	xi, 295 p. : ill
Disciplina	620.1/1296
Soggetti	Materials - Thermal properties Thermodynamics Microstructure
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references and index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Contents -- Preface -- About the Author -- Introduction-An Overview of Microstructure in Materials -- Free Energy of Pure Substances -- Thermodynamics of Solutions -- Thermodynamics of Phase Diagrams -- Thermodynamics of Interfaces -- Thermodynamics of Diffusion -- Thermodynamics of Ordering -- Thermodynamics of Nucleation -- Thermodynamics of Microstructure Change -- Reference Information -- Index.