

1. Record Nr.	UNINA9910254149403321
Autore	Plascencia Gabriel
Titolo	Basic Thermochemistry in Materials Processing // by Gabriel Plascencia, David Jaramillo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-53815-2
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (X, 196 p. 82 illus.)
Disciplina	541.36
Soggetti	Metals Engineering—Materials Thermodynamics Heat engineering Heat transfer Mass transfer Physical chemistry Metallic Materials Materials Engineering Engineering Thermodynamics, Heat and Mass Transfer Physical Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Laws of thermodynamics & auxiliary functions -- Phase equilibria I -- Electrochemistry -- Mixing and solution thermodynamics -- Phase equilibria II -- Exergy.
Sommario/riassunto	This book provides the reader with some thermochemistry notes. The intention is to provide a simple, easy to understand text which serves as a complimentary material to more complex books. It also provide students and those beginning in the field with several application examples used in different areas of materials processing. The book presents fully solved problems, some quite often found in major metallurgical operations.

