1. Record Nr. UNISA996389226403316

Autore	Colbatch John, Sir, <1670-1729.>
Titolo	A physico medical essay concerning alkaly and acid [[electronic resource]] : so far as they have relation to the cause or cure of distempers : wherein is endeavoured to be proved that acids are not (as is generally and erroneously supposed) the cause of all or most distempers, but that alkalies are : together with an account of some distempers and the medicines with their preparations proper to be used in the cure of them : as also a short digression concerning specifick remedies / / by John Colbatch
Pubbl/distr/stampa	London, : Printed for Dan. Browne, 1696
Descrizione fisica	[27], 147, [1] p
Soggetti	Medicine Medicine - Formulae, receipts, prescriptions Diseases - Causes and theories of causation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in the Cambridge University Library.
Sommario/riassunto	eebo-0021

2. Record Nr. UNINA9910765478203321

Autore	Sahu Santosha Kumara
Titolo	Fundamentals of Metallurgical Thermodynamics / / by Santosh Kumar Sahoo, Mithilesh Kumar, Swapan Kumar Karak
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819966714 981996671X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (222 pages)
Altri autori (Persone)	KumarMithilesh KarakSwapan Kumar
Disciplina	621.4021
Soggetti	Thermodynamics Heat engineering Heat - Transmission Mass transfer Materials Engineering Thermodynamics, Heat and Mass Transfer Materials Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- First Law of Thermodynamics -- Second Law of Thermodynamics and Entropy -- Free Energy, Criteria for Equilibrium and Thermodynamic Relations -- Fugacity, Activity, Equilibrium Constant and Ellingham Diagram -- Thermodynamics of Solutions.
Sommario/riassunto	This book highlights introduction of thermodynamics; first law, second law, third law of thermodynamics and their applications; concepts of entropy, free energies, thermodynamic equilibrium, thermodynamic activity and fugacity; Maxwell relations; Gibbs-Helmholtz equation; Clausis-Clayperon equation, etc. have been discussed in detail and made easily understandable to the undergraduate students of metallurgy. Thermodynamics involved in formation of different types of solutions (ideal, real and regular solutions) has also been discussed in detail. This book also discusses the applications of various thermodynamic properties in different metallurgical operations. At the

end of each and every chapter, different types of typical related problems have also been solved.