1. Record Nr. UNINA9910454720703321

Autore	Prasad Krishna Kant
Titolo	Chemical and metallurgical thermodynamics [[electronic resource] /] / Krishna Kant Prasad, Hem Shanker Ray, K.P. Abraham
Pubbl/distr/stampa	New Delhi, : New Age International (P) Ltd., Publishers, 2007
ISBN	1-281-44958-X 9786611449582 81-224-2293-4
Descrizione fisica	1 online resource (111 p.)
Altri autori (Persone)	RayHem Shanker AbrahamK. P
Disciplina	669.9
Soggetti	Metallurgy Thermodynamics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"An easy reckoner."--Cover.
Nota di bibliografia	Includes bibliographical references (p. [91]-94) and index.
Nota di contenuto	Cover; Preface; Contents; Chapter 1 Historical Perspective of Thermodynamics; Chapter 2 Thermodynamics and Feasibililty; Chapter 3 Basic Concepts; Chapter 4 Zeroeth Law, First Law and Thermochemistry; Chapter 5 Second Law of Thermodynamics; Chapter 6 Entropy, Third Law and Feasibility; Chapter 7 Solution Thermodynamics; Chapter 8 Measurement of Thermodynamic Properties and Some Practical Applications; Chapter 9 Statistical Thermodynamics:An Introduction; Chapter 10 Reaction Kinetics; Definitions of Selected Terms; Epilogue; Bibliography; Subject and Key Word Index
Sommario/riassunto	This book, Chemical and Metallurgical Thermodynamics, is based on author?s deep study of the subject as well as his long teaching experience. The emphasis has been on clarity of concepts, in addition to practical applications of thermodynamics in metallurgical process.

2. Record Nr. UNINA9910787577503321

Autore	Jahren Per.
Titolo	Concrete and sustainability / / Per Jahren, Tongbo Sui
Pubbl/distr/stampa	Boca Raton : , : Taylor and Francis, CRC Press, , 2014
ISBN	0-429-07356-9 1-62870-756-9 1-4665-9249-4
Descrizione fisica	1 online resource (437 p.)
Classificazione	TEC005000TEC063000
Altri autori (Persone)	SuiTongbo
Disciplina	624.1/8340286 624.18340286
Soggetti	Concrete construction Concrete - Environmental aspects Sustainable construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Spon Press book.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Contents; Foreword; Preface; Acknowledgements; The authors; About this book; Chapter 1 - Introduction; Chapter 2 - Environmental issues; Chapter 3 - Emissions and absorptions; Chapter 4 - Recycling; Chapter 5 - The environmental challenges-other items; Chapter 6 - New possibilities and challenges; Chapter 7 - The future; References; Back Cover
Sommario/riassunto	Concrete is the second most common commodity in the world, after water, and by far the most common building material. The industry has a great deal of responsibility for sustainable development. This book demonstrates the importance of sustainable thinking, examines the range of challenges facing the concrete engineer, and outlines how they can be addressed. It balances account resource availability, technical viability, economical feasibility, environmental sustainability and social responsibility. It presents a holistic view of the environmental challenges and conveys the complexity of the topic, while giving examples of good practice in various aspects from around the world-- In view of the development of world concrete and construction, we see an evolution of the focus in the direction of: Safety Durability

Serviceability/Functionality Sustainability It is important in this context to learn at least two things: - All the focuses in the evolution process are closely linked to each other and function upon need instead of occurring and existing independently or replacing one by another. - The latest developed focus - Sustainability is not only evolved from the previous focuses but works as a function of them as well. We therefore believe that sustainability is not only an environmental performance, it is indeed a holistic thinking/approach that can be considered as the function of safety, durability, functionality and economical feasibility, environmental compatibility and social responsibility. The level/magnitude of each focus to sustainability varies depending on the specific requirement of the target and local boundary conditions--