

1. Record Nr.	UNISA996199396103316
Autore	Sauthoff G
Titolo	Intermetallics [[electronic resource] /] / Gerhard Sauthoff
Pubbl/distr/stampa	Weinheim ; ; New York, : VCH, c1995
ISBN	1-281-75865-5 9786611758653 3-527-61541-5 3-527-61540-7
Descrizione fisica	1 online resource (180 p.)
Disciplina	620.1697 669.94
Soggetti	Alloys Intermetallic compounds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intermetallics; Contents; List of Symbols and Abbreviations; 1 Introduction; 1.1 Definition of Intermetallics and Outline of This Report; 1.2 Historical Remarks; 2 General Considerations; 2.1 Bonding, Crystal Structure, and Phase Stability; 2.2 Bonding Strength and Basic Properties; 2.3 Criteria for Phase Selection; 3 Titanium Aluminides and Related Phases; 3.1 Ti ₃ Al; 3.1.1 Basic Properties and Phase Diagram; 3.1.2 Microstructure and Mechanical Behavior; 3.1.3 Environmental Effects; 3.1.4 Applications; 3.2 TiAl; 3.2.1 Basic Properties and Phase Diagram; 3.2.2 Microstructure and Mechanical Behavior; 3.2.3 Environmental Effects; 3.2.4 Applications; 3.3 Al ₃ Ti and Other D0 ₂₂ Phases; 3.3.1 Basic Properties and Phase Diagram; 3.3.2 Microstructure and Mechanical Behavior; 3.4 Trialuminides with the L1 ₂ Structure; 3.4.1 Basic Properties and Phase Diagrams; 3.4.2 Microstructure and Mechanical Behavior; 4 Nickel Aluminides and Related Phases; 4.1 Ni ₃ Al; 4.1.1 Basic Properties and Phase Diagram; 4.1.2 Microstructure and Mechanical Behavior; 4.1.3 Environmental Effects; 4.1.4 Applications; 4.2 Other L1 ₂ Phases; 4.2.1 General Remarks; 4.2.2 L1 ₂ Phases of Particular Interest; 4.3 NiAl; 4.3.1 Basic Properties;

4.3.2 Phase Diagram and Martensitic Transformation; 4.3.3 Microstructure and Mechanical Behavior; 4.3.4 Creep; 4.3.5 Environmental Effects; 4.3.6 Alloy Developments and Applications; 4.4 Other B2 Phases; 4.4.1 CoAl; 4.4.2 NiTi; 4.4.3 FeTi, CoTi, CoZr, and CoHf; 4.4.4 FeCo; 4.5 Heusler-Type Phases; 4.6 Nickel - Molybdenum Phases; 5 Iron Aluminides and Related Phases; 5.1 Fe₃Al; 5.2 Fe₃AlC_x and Related Phases; 5.3 FeAl; 6 Cu-Base Phases; 6.1 CuZn; 6.2 Cu-Zn-Al Shape Memory Alloys; 6.3 Cu-Al-Ni Shape Memory Alloys; 6.4 Cu-Au Phases; 6.5 Cu Amalgams; 7 A15 Phases; 7.1 Basic Properties; 7.2 V₃Si; 7.3 V₃Ga; 7.4 Nb₃Sn; 7.5 Nb₃Al; 7.6 Nb₃Si; 7.7 Cr₃Si; 8 Laves Phases; 8.1 Basic Properties; 8.2 Applications; 8.2.1 Superconducting Materials; 8.2.2 Magnetic Materials; 8.2.3 Hydrogen Storage Materials; 8.2.4 Structural Alloys; 9 Beryllides; 10 Rare-Earth Compounds; 10.1 Magnet Materials; 10.2 Hydrogen Storage Materials; 11 Silicides; 11.1 M₃Si Phases; 11.2 M₂Si Phases; 11.3 M₅Si₃ Phases; 11.4 MSi Phases; 11.5 Disilicides; 12 Prospects; Acknowledgements; References; Index

Sommario/riassunto

Derived from the highly acclaimed series Materials Science and Technology, this book covers the properties as well as the present and emerging applications of intermetallics. Mechanical characteristics, microstructure as well as the environmental influence on intermetallics are treated in depth. In addition, the prospects and risks inherent in materials development as well as typical applications of intermetallics are critically assessed. It is the author's aim to provide the basis for understanding the physical mechanisms, which influence the properties of the materials and ultimately

2. Record Nr.	UNISALENTO991000927399707536
Autore	Reichardt, Hans
Titolo	Gauss und die nicht-euklidische Geometrie / Hans Reichardt
Pubbl/distr/stampa	Leipzig : Teubner, 1976
Descrizione fisica	116 p. ; 23 cm.
Classificazione	AMS 01A50 AMS 51-03
Disciplina	510.9
Soggetti	Geometry-history History of mathematics-18th century
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
3. Record Nr.	UNINA9910892757103321
Titolo	Aktuelle Remscheider Wirtschaftsdaten / Stadt Remscheid, Die Oberbürgermeisterin, Zentraldienst Stadtentwicklung und Wirtschaft, Statistikstelle
Pubbl/distr/stampa	Remscheid, : [Verlag nicht ermittelbar], 2007-
Descrizione fisica	Online-Ressource
Collana	Informationen der Statistikstelle / Stadt Remscheid Information / Stadt Remscheid, Bürgeramt, Statistikstelle
Classificazione	Remscheid Wirtschaftsstatistik
Disciplina	310
Soggetti	Kommunale Wirtschaftsentwicklung Zeitschrift Statistik Remscheid
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico

