

1. Record Nr.	UNINA9910831025903321
Titolo	Alloys : preparation, properties, applications // edited by Fathi Habashi
Pubbl/distr/stampa	Weinheim, [Germany] : , : Wiley-VCH Verlag GmbH & Co. KGaA, , 1998 ©1998
ISBN	1-282-01024-7 9786612010248 3-527-61193-2 3-527-61192-4
Descrizione fisica	1 online resource (324 p.)
Disciplina	669 671.52
Soggetti	Alloys
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 at the end of each chapters and index.
Nota di contenuto	Alloys; Table of Contents; Part One General Aspects; 1 Introduction; Part Two Alloy Steels; 2 Classification of Steel and Steel Products; Part Three Primary-Metal Alloys; 3 Copper; 4 Lead; 5 Zinc; 6 Tin; 7 Nickel; Part Four Light-Metal Alloys; 8 Beryllium; 9 Magnesium; 10 Alumilium; 11 Titanium; Part Five Other Alloy Systems; 12 Precious Metals; 13 Refractoiy Metals; 14 Nuclear Reactor Alloys; 15 Rare-Earth Alloys; 16 Alkali Metals; 17 Secondary Metals and Miscellaneous Alloys; Authors; Index
Sommario/riassunto	In industry very few metals are used in their pure form; the majority are employed as a combination of a metal with other metals, nonmetals or metalloids. In this way some specific properties are improved, making the alloy more attractive than the pure metal. The present work comprises essential information on alloys in one compact volume. Classification, properties, preparation, applications, and economic aspects are discussed for alloy steels, primary-metal alloys, light-metal alloys, and some other alloy systems. The work is based on more than 30 articles from Ullmann's Encycl

