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Nota di contenuto	Complex Metallic Alloys: Fundamentals and Applications; Foreword; Contents; Preface; List of Contributors; 1 Introduction to the Science of Complex Metallic Alloys; 2 Properties of CMAs: Theory and Experiments; 3 Anisotropic Physical Properties of Complex Metallic Alloys; 4 Surface Science of Complex Metallic Alloys; 5 Metallurgy of Complex Metallic Alloys; 6 Surface Chemistry of CMAs; 7 Mechanical Engineering Properties of CMAs; 8 CMA's as Magnetocaloric Materials; 9 Recent Progress in the Development of Thermoelectric Materials with Complex Crystal Structures 10 Complex Metallic Phases in CatalysisIndex
Sommario/riassunto	Covering fundamental research as well as real-world applications, this first book on CMAs at an introductory level treats everything from atomistic details to surface processing. Comprehensive, self-contained chapters provide readers with the latest knowledge on the most salient features of the topic, selected in terms of their relevance to potential technological applications. Edited by one of the most distinguished authorities on quasicrystals and this most important of their

subclasses, the contributions elucidate aspects of CMAs from a particular viewpoint: physical and chemical character

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