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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	Theory of Heusler Compounds -- Properties -- Applications -- Heusler Alloy Films: Film Growth -- Heusler Alloy Films: Magnetic Properties -- Device Applications -- New Properties.
Sommario/riassunto	This book gives an overview of the physics of Heusler compounds ranging from fundamental properties of these alloys to their applications. Especially Heusler compounds as half-metallic ferromagnetic and topological insulators are important in condensed matter science due to their potential in magnetism and as materials for energy conversion. The book is written by world-leaders in this field. It offers an ideal reference to researchers at any level.