

1. Record Nr.	UNINA9910438123203321
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Titolo	Modern theory of magnetism in metals and alloys // Yoshiro Kakehashi
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, 2012
ISBN	1-299-19766-3 3-642-33401-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (342 p.)
Collana	Springer series in solid-state sciences ; ; 175
Disciplina	538.44
Soggetti	Magnetic materials Metals - Magnetic properties Alloys - Magnetic properties
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	Introduction to Magnetism -- Metallic Magnetism at the Ground State -- Magnetic Excitations -- Metallic Magnetism at Finite Temperatures -- Spin Fluctuation Theory in Weak Ferromagnets -- Antiferromagnetism and Spin Density Waves -- Magnetism in Dilute Alloys -- Magnetism of Disordered Alloys -- Magnetism of Amorphous Metals and Alloys.
Sommario/riassunto	This book describes theoretical aspects of the metallic magnetism from metals to disordered alloys to amorphous alloys both at the ground state and at finite temperatures. The book gives an introduction to the metallic magnetism, and treats effects of electron correlations on magnetism, spin fluctuations in metallic magnetism, formation of complex magnetic structures, a variety of magnetism due to configurational disorder in alloys as well as a new magnetism caused by the structural disorder in amorphous alloys, especially the itinerant-electron spin glasses. The readers will find that all these topics can be understood systematically by means of the spin-fluctuation theories based on the functional integral method.