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Nota di contenuto	Warren, the man -- Reminiscences, appeal for youth, and predictions in magnetism -- Spin Paramagnetism of Cr+++, Fe+++, and Gd+++ at liquid helium temperatures and in strong magnetic fields -- The theory of the new superconductors — The “magnetician's edge” -- Non-perturbative solutions to the Hubbard Model -- Molecular beam epitaxy of semimagnetic semiconductors -- Engineering magnetic materials atom by atom -- The nonlinear horrors of realistic magnetization fields -- The global attractor for the Landau-Lifschitz equations -- Quantum chaos in magnetic phenomena -- Multisite contributions to the Korringa relaxation rate -- Thin film magnetic RAM devices -- Magnetic anisotropy in Y1?XRXFe14B permanent magnets --

	Ferromagnetic and antiferromagnetic complexes of cobalt(II) and nickel (II) -- Low temperature phase transitions in ferromagnetic rare earth alloys.
Sommario/riassunto	The book begins with a personal tribute to Warren E. Henry and a reprint of one of his influential papers from Physical Review. The following proceedings give a comprehensive view of recent research on the topic of magnetism, including topics from theoretical and experimental perspectives. Contributions include papers on the theoretical relationship between magnetic phenomena and superconductivity, a new class of magnetic materials produced by molecular beam epitaxy, non-linear phenomena in magnetization fields, quantum chaos in magnetic phenomena, and magnetic devices and anisotropy. The volume brings together original papers written by experts in various areas of the field of magnetism. This is one of the first books in recent years to treat all facets of the field of magnetics. The book will be a useful survey for researchers, engineers and graduate students.