



HANDBOOK OF
Magnetism
AND ADVANCED MAGNETIC MATERIALS

2

Fundamentals and Theory

Micromagnetism

Novel Techniques for Characterizing and
Preparing Samples

Novel Materials

Spintronics and Magnetoelectronics

Editors-in-Chief

HELMUT KRONMÜLLER

STUART PARKIN

Handbook of Magnetism and Advanced Magnetic Materials

Volume 2 Micromagnetism

Editors-in-Chief

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Contents

VOLUME 1: FUNDAMENTALS AND THEORY

Contributors to Volume 1	xii	Phase Transitions and Finite Temperature Magnetism	303
Foreword	xiii	Phase Transitions and Finite Temperature Magnetism: Experiment and Analysis	305
Preface to Volume 1	xv	Sharika Nandan Kaul Electron Theory of Finite Temperature Magnetism	334
Abbreviations and Acronyms	xix	Jürgen Kübler Theory of Magnetic Phase Transitions	367
Electron Theory of Magnetism	1	David P. Landau Disordered and Frustrated Spin Systems	398
Density-functional Theory of Magnetism <i>Gustav Bihlmayer</i>	3	Kurt Binder/A. Peter Young Quantum Phase Transitions	413
Multiband Hubbard Models and the Transition Metals <i>Gernot Stollhoff</i>	29	Subir Sachdev	
Dynamical Mean-field Theory of Itinerant Electron Magnetism <i>Alexander I. Lichtenstein/Mikhail I. Katsnelson</i>	52	Theory of Magnetocrystalline Anisotropy and Magnetoelasticity	423
Quantum Monte Carlo Methods <i>Fakher F. Assaad/Matthias Troyer</i>	69	Theory of Magnetocrystalline Anisotropy and Magnetoelasticity in Transition-metal Systems Ruqian Wu	425
Strongly Correlated Electronic Systems	93	Theory of Magnetocrystalline Anisotropy and Magnetoelasticity in 4f and 5f Metals Børje Johansson/Michael S.S. Brooks	435
Heavy Fermions: Electrons at the Edge of Magnetism <i>Piers Coleman</i>	95	Magnetostriction and Magnetoelasticity Theory: A Modern View A. del Moral	453
The Kondo Effect <i>Barbara A. Jones</i>	149		
Orbital Physics in Transition-metal Oxides: Magnetism and Optics <i>Peter Horsch</i>	164		
Theory of Magnetic Spectroscopy and Scattering	203	Theory of Transport and Exchange Phenomena in Thin Film Systems	485
Magnetic Spectroscopy <i>H. Ebert</i>	205	Exchange Coupling in Magnetic Multilayers David M. Edwards/Andrey Umerski	487
X-ray and Neutron Scattering by Magnetic Materials <i>S.W. Lovesey/Y. Tanaka</i>	229	Enhanced Magnetoresistance Peter Zahn/Ingrid Mertig	513
Spin Dynamics and Relaxation	245	The Berry Phase in Magnetism and the Anomalous Hall Effect Patrick Bruno	540
Spin Waves: History and a Summary of Recent Developments <i>D.L. Mills</i>	247	Theory of Spin-dependent Tunneling Hiroshi Imamura/Sadamichi Maekawa	559
Dissipative Magnetization Dynamics Close to the Adiabatic Regime <i>Manfred Fähnle/Daniel Steiauf</i>			
Magnetism of Low Dimensions	282	Magnetism of Low-dimensional Metallic Structures	575
		Axel Enders/Pietro Gambardella/Klaus Kern	577

Magnetism of Low-dimensional Systems: Theory <i>Stefan Blügel/Gustav Bihlmayer</i>	598	Magnetism and Superconductivity	659
Molecular Magnets: Phenomenology and Theory	641	Interplay of Superconductivity and Magnetism <i>Saburo Takahashi/Sadamichi Maekawa</i>	661
Molecular Magnets: Phenomenology and Theory <i>Mark R. Pederson/Tunna Baruah</i>	643	Magnetic Superconductors <i>A. Buzdin/J. Flouquet</i>	678

VOLUME 2: MICROMAGNETISM

Contributors to Volume 2	xii	Domain Wall Propagation in Magnetic Wires <i>Teruo Ono</i>	933
Foreword	xiii	Current Induced Domain-wall Motion in Magnetic Nanowires <i>Luc Thomas/Stuart Parkin</i>	942
Preface to Volume 2	xv	The Motion of Domain Walls in Nanocircuits and its Application to Digital Logic <i>Russell P. Cowburn</i>	983
Abbreviations and Acronyms	xix	Guided Spin Waves <i>Riccardo Hertel</i>	1003
Fundamentals of Micromagnetism and Discrete Computational Models	701	Magnetization Processes and the Microstructure	1021
General Micromagnetic Theory <i>Helmut Kronmüller</i>	703	Micromagnetism–Microstructure Relations and the Hysteresis Loop <i>Dagmar Goll</i>	1023
Numerical Micromagnetics: Finite Difference Methods <i>Jacques E. Miltat/Michael J. Donahue</i>	742	Modeling of Nonlinear Behavior and Hysteresis in Magnetic Materials <i>David C. Jiles/Yevgen Melikhov</i>	1059
Numerical Methods in Micromagnetics (Finite Element Method) <i>Thomas Schrefl/Gino Hrkac/Simon Bance/Dieter Suess/Otmar Ertl/Josef Fidler</i>	765		
Magnetization Dynamics Including Thermal Fluctuations: Basic Phenomenology, Fast Remagnetization Processes and Transitions Over High-energy Barriers <i>Dmitri V. Berkov</i>	795	Magnetization Dynamics, Solitons, Modes and Thermal Excitations	1081
Nonlinear Magnetization Dynamics in Nanomagnets <i>Claudio Serpico/Giorgio Bertotti/Isaak D. Mayergoyz/Massimiliano d’Aquino</i>	824	Magnetization Dynamics: Thermal-driven Noise in Magnetoresistive Sensors <i>Jian-Gang Zhu</i>	1083
Classical Spin Models <i>Ulrich Nowak</i>	858	Magnetic Modes in Circular Thin Film Elements, Experiment and Theory <i>Christian H. Back/Matthias Buess</i>	1092
Magnetic Configurations in Small Elements, Magnetization Processes and Hysteretic Properties	877	Nonlinear Multidimensional Spin-wave Excitations in Magnetic Films <i>Sergej O. Demokritov/Andrei N. Slavin</i>	1114
Magnetization Configurations and Reversal in Small Magnetic Elements <i>Mathias Kläui/Carlos António Fernandes Vaz</i>	879	Micromagnetics of Spin Angular Momentum Transfer	1145
Magnetic Properties of Systems of Low Dimensions <i>Rolf Allenspach</i>	915	Theory of Spin-transfer Torque <i>Mark D. Stiles</i>	1147
		Microwave Generation in Magnetic Multilayers and Nanostructures <i>William H. Rippard/Matthew R. Pufall</i>	1167

VOLUME 3: NOVEL TECHNIQUES FOR CHARACTERIZING AND PREPARING SAMPLES

Contributors to Volume 3	xi	Magneto-optical Techniques	1511
Foreword	xiii	Investigation of Domains and Dynamics of Domain Walls by the Magneto-optical Kerr-effect <i>Rudolf Schäfer</i>	1513
Preface to Volume 3	xv	Magnetization-induced Second Harmonic Generation <i>Andrei Kirilyuk/Theo Rasing</i>	1542
Abbreviations and Acronyms	xix	Investigation of Spin Waves and Spin Dynamics by Optical Techniques <i>Burkard Hillebrands/Jaroslav Hamrle</i>	1566
X-Ray and Neutron Diffraction Techniques	1193	Time-resolved Kerr-effect and Spin Dynamics in Itinerant Ferromagnets <i>Bert Koopmans</i>	1589
Spin Structures and Spin Wave Excitations <i>Igor A. Zaliznyak</i>	1195		
Domain States Determined by Neutron Refraction and Scattering <i>Axel Hoffmann/Gian P. Felcher</i>	1211		
Polarized Neutron Reflectivity and Scattering from Magnetic Nanostructures and Spintronic Materials <i>Hartmut Zabel/Katharina Theis-Bröhl/Boris P. Toperverg</i>	1237		
Synchrotron Radiation Techniques	1309	Spin-polarized Electron Spectroscopies	1615
Synchrotron Radiation Techniques Based on X-ray Magnetic Circular Dichroism <i>Gisela Schütz/Eberhard Goering/Hermann Stoll</i>	1311	Investigation of Ultrathin Ferromagnetic Films by Magnetic Resonance <i>Klaus Baberschke</i>	1617
		Spin-polarized Photoelectron Spectroscopy as a Probe of Magnetic Systems <i>Peter David Johnson/Gernot Güntherodt</i>	1635
		High-energy Surface Spin Waves Studied by Spin-polarized Electron Energy Loss Spectroscopy <i>Markus Etzkorn/Parameswaran Sarala Anil Kumar/Jürgen Kirschner</i>	1658
Time and Space Resolved Magnetization Dynamics	1365	Nanomagnetism – Application and Characterization	1685
Ultrafast Magnetodynamics with Lateral Resolution: A View by Photoemission Microscopy <i>Hermann A. Dürr/Claus M. Schneider</i>	1367	Scanning Probe Techniques: MFM and SP-STM <i>Alexander Schwarz/Matthias Bode/Roland Wiesendanger</i>	1687
		Alternative Patterning Techniques: Magnetic Interactions in Nanomagnet Arrays <i>Jacques Ferré/Jean Pierre Jamet</i>	1710
		Chemical Synthesis of Monodisperse Magnetic Nanoparticles <i>Chao Wang/Shouheng Sun</i>	1736
		Nanoimprint Technology for Patterned Magnetic Nanostructures <i>Stephen Y. Chou</i>	1748
Electron Microscopy and Electron Holography	1391	Growth Techniques	1773
Lorentz Microscopy of Thin-film Systems <i>Josef Zweck/Thomas Uhlig</i>	1393	Growth of Magnetic Materials using Molecular Beam Epitaxy <i>James N. Eckstein</i>	1775
Electron Holography of Ferromagnetic Materials <i>Martha R. McCartney/David J. Smith</i>	1428	Epitaxial Heusler Alloys on III–V Semiconductors <i>Thorsten Hesjedal/Klaus H. Ploog</i>	1796
Spin-polarized Low Energy Electron Diffraction <i>Hans-Joachim Elmers</i>	1444	Crystal Growth of Magnetic Materials <i>Günter Behr/Wolfgang Löser</i>	1821
Spin-polarized Low Energy Electron Microscopy <i>Ernst Bauer</i>	1470		
Scanning Electron Microscopy with Polarization Analysis <i>Hans Peter Oepen/Robert Frömter</i>	1488		

VOLUME 4: NOVEL MATERIALS

Contributors to Volume 4

Foreword

Preface to Volume 4

Abbreviations and Acronyms

Soft Magnetic Materials

Amorphous Alloys

Hywel A. Davies/Michael R.J. Gibbs

Soft Magnetic Materials – Nanocrystalline Alloys

Giseler Herzer

Soft Magnetic Bulk Glassy and Bulk Nanocrystalline Alloys

Akihisa Inoue/Akihiro Makino/Teruo Bitoh

Advanced Soft Magnetic Materials for Power Applications

Anthony J. Moses

Hard Magnetic Materials

Rare-earth Intermetallics for Permanent Magnet Applications

Josef Fidler/Dieter Suess/Thomas Schrefl

Rare-earth Transition-metal Magnets

Werner Rodewald

Rare-earth Nanocrystalline and Nanostructured Magnets

Melania Marinescu/Alexander Gabay/George C. Hadjipanayis

Current Status and Future Development of the Magnetic Materials Industry in China

Yang Luo

Ferro- and Ferrimagnetic Oxides and Alloys

Ferrimagnetic Insulators

Victor A.M. Brabers

Crystallography and Chemistry of Perovskites

Mats Johnsson/Peter Lemmens

Dilute Magnetic Oxides and Nitrides

John Michael David Coey/Karsten Rode

Heusler Alloys

Robert A. de Groot

Half-metals

M. Venkatesan

Ferro-, Ferri-, and Antiferromagnetic Nanoparticles

Superparamagnetic Particles

Steen Mørup/Mikkel Fougt Hansen

xi	Novel Nanoparticulate Magnetic Materials and Structures <i>David J. Sellmyer/Yingfan Xu/Yucheng Sui/ Ralph Skomski</i>	2177
xiii		
xv	Micro- and Nanowires	2191
xix	Advanced Magnetic Microwires <i>Manuel Vázquez</i>	2193
1859	Template-based Synthesis and Characterization of High-density Ferromagnetic Nanowire Arrays <i>Kornelius Nielsch/Bethanie J.H. Stadler</i>	2227
1861	Magnetic Carbon <i>Pablo Esquinazi</i>	2256
1882		
1909		
1926	Magnetic Thin Films	2283
	Magnetic Ultrathin Films <i>Bretislav Heinrich/John Francis Cochran</i>	2285
	Hard Magnetic Films <i>Toshiyuki Shima/Koki Takanashi</i>	2306
1943		
1945		
1969	Magnetic Materials with Outstanding Properties	2325
2005	Magneto-optical Materials <i>Wolfgang Kleemann</i>	2327
2035	Magnetocaloric Materials <i>Vitalij K. Pecharsky/Karl A. Gschneidner, Jr.</i>	2363
	Chalcogenides and Pnictides <i>Daniel Fruchart/Pierre Wofers</i>	2378
	Magnetostrictive Materials and Magnetic Shape Memory Materials <i>Robert C. O'Handley</i>	2401
2077	Ferroelectricity in Incommensurate Magnets <i>A. Brooks Harris/Gavin Lawes</i>	2428
2079		
2098	Magnetism and Quantum Criticality in Heavy-Fermion Compounds: Interplay with Superconductivity <i>Oliver Stockert/Michael Nicklas/Peter Thalmeier/ Philipp Gegenwart/Frank Steglich</i>	2461
2107		
2121	Molecular Nanomagnets <i>Wolfgang Wernsdorfer</i>	2481
2133		
2157	Biomagnetic Materials	2505
2159	Spintronic Biochips for Biomolecular Recognition <i>Paulo P. Freitas/Hugo A. Ferreira</i>	2507
	Application of Magnetic Particles in Medicine and Biology <i>Wilfried Andrä/Urs Häfeli/Rudolf Hergt/ Ripen Misri</i>	2536

VOLUME 5: SPINTRONICS AND MAGNETOELECTRONICS

Contributors to Volume 5	xi	Ferromagnetic Semiconductors <i>Fumihiro Matsukura/Hideo Ohno</i>	2756
Foreword	xiii	Diluted Ferromagnetic Semiconductors – Theoretical Aspects <i>Tomasz Dietl</i>	2774
Preface to Volume 5	xv		
Abbreviations and Acronyms	xix	Semiconductor Spintronics	2791
Metal Spintronics	2569	Spin Engineering in Quantum Well Structures <i>Roberto C. Myers/Arthur C. Gossard</i>	2793
Magnetic Tunnel Junctions <i>Stuart Parkin/Hyunsoo Yang/See-Hun Yang/Masamitsu Hayashi</i>	2571	Hot Electron Spintronics <i>Xin Jiang/Sebastiaan van Dijken/Stuart Parkin</i>	2812
Spin Angular Momentum Transfer in Magnetoresistive Nanojunctions <i>Jonathan Z. Sun</i>	2592	Spin-dependent Transport of Carriers in Semiconductors <i>Roland Winkler</i>	2830
Spin-transfer in High Magnetic Fields and Single Magnetic Layer Nanopillars <i>Andrew D. Kent</i>	2611	Semiconductor Spintronic Devices <i>Michael E. Flatté</i>	2844
Microwave Excitations in Spin Momentum Transfer Devices <i>Frederick B. Mancoff/Shehzad Kaka</i>	2630	Theory of Spin Hall Effects in Semiconductors <i>Hans-Andreas Engel/Emmanuel I. Rashba/Bertrand I. Halperin</i>	2858
Theory of Spin-polarized Current and Spin-transfer Torque in Magnetic Multilayers <i>John Slonczewski</i>	2648	Manipulation of Spins and Coherence in Semiconductors <i>Nathaniel P. Stern/Jesse Berezovsky/Sayantani Ghosh/David D. Awschalom</i>	2878
Exotic Materials	2669	Quantum Computing with Spins in Solids <i>William A. Coish/Daniel Loss</i>	2895
High-temperature Superconductivity – Magnetic Mechanisms <i>Michael R. Norman</i>	2671	The Magnetic Resonance Force Microscope <i>P. Chris Hammel/Denis V. Pelekhov</i>	2916
Magnetic Polaron <i>Stephan von Molnár/Patricia A. Stampe</i>	2689	Magnetoresistance	2941
The Kondo Effect in Mesoscopic Quantum Dots <i>Michael Grobis/Ileana G. Rau/Ronald M. Potok/</i> <i>David Goldhaber-Gordon</i>	2703	Tunneling Magnetoresistance in Semiconductors <i>Shinobu Ohya/Masaaki Tanaka</i>	2943
Magnetic Semiconductors and Oxides	2725	Spin-dependent Tunneling: Role of Evanescent and Resonant States <i>Evgeny Y. Tsymbal</i>	2963
Ferromagnetic Manganite Films <i>Vasily Moshnyaga/Konrad Samwer</i>	2727	Geometry-driven Magnetoresistance <i>Stuart A. Solin/L. Ramdas Ram-Mohan</i>	2979
		Subject Index	3001