

Title	Author, Editor	Publisher	Year
GENERAL PHYSICS AND MATHEMATICS			
Scientific units, weights and measures	F. Cardarelli	Springer	2003
Mathematics for Physics and Physicists	W. Appel	Princeton and Oxford	2001
A student's guide to Fourier transforms	F.J. F. James	Cambridge	2011
Phase transitions in materials	Brent Fultz	Cambridge	2014
Physical properties of materials	M. A. White	CRC Press	2012
Electronic structure : basic theory and practical methods	Richard M. Martin	Cambridge	2008
Solid state physics	C. Kittel	Wiley	1976
ENCYCLOPEDIAS			
Handbooks 1	Kronmüller / Parkin	Wiley VCH	2007
Handbooks 2	Kronmüller / Parkin		2007
Handbooks 3	Kronmüller / Parkin		2007
Handbooks 4	Kronmüller / Parkin		2007
Handbooks 5	Kronmüller / Parkin		2007
GENERAL MAGNETISM			
Magnetism – Fundamentals	Du Tremolet de la Cheis	Springer	2005
Magnetism – Materials and applications	Du Tremolet de la Cheis	Springer	2005
Introduction to magnetic materials	Cullity	Addison Wesley	1972
Magnetism	Stöhr	Springer	2007
Magnetism	J. M. Coey	Oxford	
Magnetism in condensed matter	Blundell	Oxford	2001
Modern Magnetic Materials – Principles and applications	Robert C. O'Handley	Wiley	2000
Fundamentals and applications of magnetic materials	Kannan M. Krishnan	Oxford	2016
Introduction to Magnetism and Magnetic Materials (3rd)	David Jiles	CRC Press	2016
Physics of ferromagnetism	Chikuzami-Graham	Oxford	1997
FOCUSED ASPECTS OF MAGNETISM			
Magnetic hysteresis	E. Della Torre	IEEE Press	1999
Magnetostriction – Theory and applications	E. du Tremolet de la Ch	CRC Press	1993
Magnetostatic principles in ferromagnetism	W. F. Brown	North Holland	1962
Spin waves – Theory and applications	D. D. Stancil and A. Pra	Springer	2009
Topology in Magnetism	Jiadong Zang, Vincent	Springer	2018
Optics in magnetic multilayers and nanostructures	Višňovský	CRC Press	2006
MATERIALS			
The Iron-Nickel Alloys	Béranger et al	Lavoisier Publishing	
Magnetic materials	Nicola A. Spaldin	Cambridge	
Magnetic materials – Fundamentals, products, properties, and applications	R. Hilzinger, W. Rodew	Wiley	2013
The magnetocaloric effects and its applications	A. L. Tishin and Y. I. Sp	IoP	2003
TECHNIQUES			
Magnetic microscopy of nanostructures	Oepen	Springer	2005
Magnetism and synchrotron radiation	Beaurepaire Ed.	Springer	2010
Modern techniques for characterizing magnetic materials	Y. Zhu	Springer	2005
Atomic Force Microscopy	P. Eaton, P. West	Oxford	2010
Scanning probe microscopy : the lab on a tip	Meyer, Hug, Bennewitz	Springer	2004
Surface microscopy with low-energy electrons	Ernst Bauer	Springer	2014
APPLICATIONS AND DEVICES			
Introduction to magnetic random-access memory	B. Diény, R. B. Goldfart	IEEE Press-Wiley	2017
Magnetic nanoparticles for medical diagnostics	Adarsh Sandhu, Hiroshi IOP		2018

NANOMAGNETISM AND SPINTRONICS

Magnonics from fundamentals to application	Demokritov, Slavin	Springer	2013
Introduction ferromagnetism	A. Aharoni	Oxford	2000
Spin dynamics in confined magnetic structures –1	Hillebrands Ed.	Springer	2002
Spin dynamics in confined magnetic structures –2	Hillebrands Ed.	Springer	2003
Spin dynamics in confined magnetic structures –3	Hillebrands Ed.	Springer	2006
Principles of nanomagnetism	Guimares	Springer	2009
Magnetic domains	A. Hubert & R. Schäfer	Springer	2000
Spin current	S. Maekawa, S. O. Vale	Oxford	2013
Nanomagnetism and spintronics	T. Shinjo Ed.	Elsevier	2009
Atomic Spin Dynamics	Olle Eriksson, A. Bergm	Oxford	2017
Skyrmions - Topological structures, properties, and applicati	J Ping Liu, Zhidong Zha	CRC Press	2017
Noise in spintronics	Farkhad G. Aliev, Juan Pan	Stanford	2018
Relaxation Processes in Micromagnetics	H. Suhl	Oxford	2007
Principles of Magnetostatics	R. C. Fernow	Cambridge	2016