

# Library of the Institut für Halbleiter- und Festkörperphysik

## Topical Categories

- 2D - 2D-Structures: Quantumwells, Superlattices
- ASI - NATO ASI Serie
- BD - Bauelemente and Devices (Devices)
- Div - Diverse (Miscellaneous)
- DVD - Defects, Versetzungen (Dislocations) and Doping
- ExM - Experimental Methods: Vacuum, LT, SEM, TEM, etc.
- FK - Festkörperphysik (Solid State Physics)
- HL - Halbleiterphysik (Semiconductor Physics)
- Mag - Magnetism
- NS - Nanostructures
- OS - Optics and Spectroscopy
- PA - Physik Allgemein (General Physics)
- Proc - Proceedings
- SS - Surface Science
- TN - Tables and Reference Books (Nachschlagewerke)
- TP - Technology and Processing
- WE - Wachstum (Growth), Epitaxy, Thin Films
- XR - X-Ray Diffraction, Crystallography

Authors	Title	Publisher	Catego...	Insti...	Acquisition	Status	Borrower
	Properties of GaAs	INSPEC 1990	TN			y	
	Properties of AlGaAs	INSPEC 1991	TN			y	
	Properties of Si	INSPEC 1988	TN			y	
Abraham A., B. Bleaney	Electron Paramagnetic Resonance of Transition Ions, #1	Clarendon Press, 1970	MAG	FK	2012	y	K
Abraham A., B. Bleaney	Electron Paramagnetic Resonance of Transition Ions, #2	Clarendon Press, 1970	MAG	FK	2012	y	
Adachi	GaAs and Related Materials: Bulk Semiconducting and	World Scientific, 1994	HL			Y	
Adachi and Lockwood,	Self-Organized Nanoscale Materials	Springer, 2006	NS	HL	2009	y	
Adachi, S.	Physical Properties of III-V Semiconductor Compounds	Wiley, 1992	HL			Y	
Adachi, S.	Properties of Semiconductor Alloys	Wiley, 2009	HL	HL	2009	Y	
Adam, Stefan	Matlab und Mathematik kompetent einsetzen, mit CD-ROM	Wiley-VCH, 2006	Div	HL	2008	y	
Agrawal, Dutta	Long-Wavelength Semiconductor Lasers	Van Nostrand Reinhold,	BD			y	
Albers, W.	Berechnungsgrundlage für die Ermittlung von Körperdosen	Hoffmann Fachverlag,	XRD		2007	y	J.Stangl
Almond, Patel	Photothermal Science and Techniques	Chapman & Hall, 1996	OS			y	
Alpert, Keiser,	IR-Theory and Practice of Infrared Spectroscopy	Plenum, 1973	OS			y	
Als-Nielsen and Des	Elements of Modern X-Ray Physics	Wiley, 2001	XRD			y	
Als-Nielsen and Des	Elements of Modern X-Ray Physics, 2nd Copy	Wiley, 2001	XRD		2008	y	
Altmann, S. L.	Band Theory of Solids: An Introduction from the Point of	Oxford University	FK			y	
Altshuler, Lee (eds.)	Mesoscopic Phenomena in Solids	North Holland, 1991	2D			y	
Amelinckx, Geevers	Diffraction and Imaging Techniques in Mat. Science 1	North Holland 1978	XRD			y	
Amelinckx, Geevers	Diffraction and Imaging Techniques in Mat.Science 2	North Holland 1978	XRD			y	
Anders, Andre	Handbook of Plasma Immersion Ion Implantation and	John Wiley, 2000	TP	FK	2004	y	
Ando, Arakawa, Furuya,	Mesoscopic Physics and Electronics	Springer, 1998	2D			y	
Ando, Fukuyama	Anderson Localization (Springer Proceedings in Physics,	Springer, 1988	FK			y	
Armbrust und JAnetzki	Aufgaben zur Festkörperphysik	Viehweg, 1999	FK	HL	2011	y	
Ashcroft, Mermin	Solid State Physics	Saunders College Publ.,	FK			y	
Ashcroft, Mermin	Festkörperphysik, 3. Auflage	Oldenburg, 2007	FK	HL	2008	y	
Ashok, Chevallier,	Defect Engineering in Si Growth, Processing and Device	MRS 1992	DVD			y	
Askerov, B. M.	Electron Transport Phenomena in Semiconductors	World Scientific, 1994	HL			Y	
Authier, Andre	Dynamical Theory of X-ray Diffraction	Oxford Univ. Press,	XRD	HL	2007	y	
Avouris Ph. (Ed.)	Atomic and Nanometer-Scale Modification of Materials	Kluwer, 1993	ASI			y	
Awschalom, Loss and	Semiconductor Spintronics and Quantum Computation	Springer Verlag, 2002	HL	HL	2002	Y	
Ayers	Heteroepitaxy of Semiconductors: Theory, Growth and	CRC Press, 2007	WE	HL	2010	y	
Bachmann, K. J.	The Material Science of Microelectronics	VCH, 1995	TP			y	
Bai, Ch.	Scanning Tunneling Microscopy and its Applications	Springer, 1995	SS			y	
Balestra, F. and G.	Device and Circuit Cryogenic Operation for Low	Kluwer Academic	BD		2001	y	
Balkan, N. (ed.)	Hot Electrons in Semiconductors: Physics and Devices	Oxford University	HL			Y	
Bandyopadhyay,	Introduction to Spintronics, #1	CRC Press, 2008	MAG	FK	2012	y	K
Barabasi, Stanley	Fractal Concepts in Surface Growth	Cambridge University	WE			y	
Baranovski S., Ed.	Charge Transport in Disordered Solids with Applicatcions	Wiley. 2006	FK		2015	y kkk	
Bardsley, Hurlle, Mullin	Crystal Growth 2	North Holland 1979	WE			y	
Bargon	Methods and Materials in Microelectronic Technology	Plenum 1984	TP			y	
Barnham and D.	Low-Dimensional Semiconductor Structures - Fundamentals	Cambridge Univ. Press,	NS		2001-FK	y	
Bartolome Luis	Molecular Magnets	Springer	Mag		2013	y	
Baruchel et al. (eds.)	Neutron and Synchrotron Radiation for Cond. Matter Stud.	Springer, 1993	XRD			y	
Bastard #1	Wave Mechanics Applied to Semiconductor Heterostruct.	Les Editions de	2D	HL		y	
Bastard #2	Wave Mechanics Applied to Semiconductor Heterostruct.	Les Editions de	2D	Exp		y	A.Rastelli 2015
Bastard #3	Wave Mechanics Applied to Semiconductor Heterostruct.	Les Editions de	2D	HL		E	Lost: Entin-
Bastard, Allan (eds.)	Heterojunctions and Semicond. Superlattices	Springer 1986	2D			y	
Basu, P. K.	Theory of Optical Processes in Semiconductors	Oxford University	OS			y	
Bauer (ed.)	Surfaces and Interfaces: Physics and Electronics	North-Holland, 1983	SS			f-2015	?? Lost ?
Bauer, Jantsch and	Physica E Vol. 25, 2004, Mauterndorf Proceedings	Elshevier, 2004	PROC	HL	2004	y	
Bauer, Jantsch und	Proceedings of the MSS10, Physica E	North-Holland, 2002	PROC	HL	2002	y	
Bauer, Kuchar, Heinrich	Two-Dimensional Systems: Physics and New Devices, Soldi	Springer, 1986	2D	HL	2002	y	
Bauer, Kuchar, Heinrich	Two Dimensional Systems, HJ`s and SL`s	Springer 1984	2D			y	
Bauer, Kuchar, Heinrich	Two Dimensional Systems: Physics and New Devices	Springer 1986	2D			y	
Bauer, Kuchar, Heinrich	Physics and Technology of Submicron Devices	Springer 1988	2D			y	
Bauer, W. Richter (Eds.)	Optical Characterization of Epitaxial Semiconductor Layers	Springer, 1996	OS			f-2015	?
Bäuerle, D.	Laser Processing and Chemistry	Springer, 1996	TP			y	

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Beaumont,	Science and Engineering of One-and Zero-Dim. SC's	Plenum, 1989 (NATO)	ASI			y	
Bechstedt F.	Many-Body Approach to Electronic Excitations	Springer 2015	FK	HL	2015	y kkk	H.Böhm
Beck	Präparationstechniken für die Fehleranalyse an integrierten	VCH, 1988	TP			y	
Beeby	Condensed Systems of Low Dimensions	Plenum, 1990 (NATO)	ASI			y	
Beneking, H.	Halbleitertechnologie	Teubner, 1991	TP			y	
Berkeley (div.Autoren)	Berkeley Physics Course 1 (Mechanics)	Vieweg	PA			y	
Berkeley (div.Autoren)	Berkeley Physics Course 2 (Electricity and Magnetism)	Vieweg	PA			y	
Berkeley (div.Autoren)	Berkeley Physics Course 3	Vieweg	PA			y	
Berman, P. R. (Ed.)	Cavity Quantum Electrodynamics	Academic Press, 1994	OS			y	
Bernevig	Topological insulators and topological superconductors	Princeton University	HL		2013	y	
Beyer, Walter	Lehrbuch der Organischen Chemie	S. Hirzel Verlag, 1991	DIV			DL	HL-Techniker/La
Bhandari, Rowe	Thermal Conduction in Semiconductors	Wiley, 1988	HL			Y	
Bhattacharya, P.	Semiconductor Optoelectronic Devices	Prentice Hall, 1994	BD			y	Fromherz 2014
Bhattacharya, P.	Properties of III-V Quantum Wells and Superlattices (emis	INSPEC, 1996	TN			y	
Bimberg	Semiconductor Nanostructures	Springer, 2008	NS	HL	2009	y	
Bimberg, Grundmann,	Quantum Dot Heterostructures	Wiley, 1999	NS			y	
Binder, Bowker,	Cohesion and Structure of Surfaces	North Holland, 1995	SS			y	
Binder, Hermann	Monte Carlo Simulation in Statistical Physics	Springer 1992	FK			y	
Birkle	Messtechnik für den Immissionsschutz	Oldenbourg 1979	DIV			E	Lost: Entin-
Bland, Heinrich	Ultrathin Magnetic Structures I	Springer, 1994	MAG			y	
Blankenship, Robert	Molecular Mechanisms of Photosynthesis	Blackwell Science,	OS	FK	2011	y	
Blundell, S	Magnetism in Condensed Matter	Oxford Univ. Press,	MAG	FK	2008	y	Venkatamaran
Blundell, S	Magnetism in Condensed Matter, 2. Exemplar	Oxford Univ. Press,	MAG	FK	2012	y	
Blundell, S	Magnetism in Condensed Matter, 3. Exemplar	Oxford Univ. Press,	MAG	FK	2012	y	
Blundell, S	Magnetism in Condensed Matter, 4. Exemplar	Oxford Univ. Press,	MAG	FK	2012	y	
Böer	Survey of Semiconductor Physics	V.Nostrand 1990	HL			Y	
Bonc, Bruevic,	Halbleiterphysik	VEB 1980	HL			Y	
Bonnell, D. A.	Scanning Tunneling Microscopy and Spectroscopy	VCH, 1993	SS			y	
Borchardt-Ott	Kristallographie	Springer, 2009	XRD	HL	2009	y	
Bourgoin	Physics of DX-Centers in GaAs Alloys	Sci Tech 1990	DVD			y	
Bourgoin,Lannoo	Point Defects in Semiconductors II	Springer 1983	DVD			y	
Bowen, Tanner	High Resolution X-ray Diffractometry and Topography	Taylor & Francis, 1998	XRD			y	
Boyd	Nonlinear Optics	Academic 1992	OS			y	
Bradbury, Evennett	Contrast Techniques in Light Microscopy	Bios Scientific Publ.	ExM	HL	2010	y	
Braginsky Khalili	Quantum measurement	Cambridge	EXM		2014?	y	S.Müllegger 2015
Brandt	Quantum Mechanics on the MacIntosh	Springer 1991	PA			y	
Brandsen and Joachain	Physics of Atoms and Molecules	Prentice Hall 2014	PA		2014	f-2015	
Brennan, K. F.	The Physics of Semiconductors (with applications to	Cambridge Univ. Press,	HL			Y	
Brillson, L. J.	Contacts to Semiconductors	Noyes Publications,	TP			y	
Brodie, Muray	The Physics of Micro/Nanofabrication	Plenum 1992	NS			y	
Bromm	Das Arbeitsbuch zu Turbo Pascal 6.0	Sybox, 1991	DIV			y	
Brook	Materials Science and Technology Vol. 17B - Processing of	VCH, 1996	TP		2001-FK	y	
Brook	Materials Science and Technology Vol. 17A - Processing of	VCH, 1996	TP		2001-FK	y	
Brooker, Geoffrey	Modern Classical Optics	Oxford University	OS	FK	2004	y	
Brüel and Kjaer	Acoustic Noise Measuremens	1979	ExM	HL	2012	y	
Brütting	Physics of Organic Semiconductors	Wiley-VCH, 2005	HL	FK	2009	Y	
Bube, R. H.	Electrons in Solids	Academic Press, 1992	FK			y	
Bubert and Jenett	Surface and Thin Film Analysis	Wiley-VCH, 2002	SS	FK	2002	y	
Bulatov and Wei Cai	Computer Simulations of Dislocations	Oxford Univ. Press,	DVD	HL	2010	y	
Bullis, Seiler, Diebold	Semiconductor Characterization	AIP, 1996	ExM			y	
Bunshah, R. F.	Handbook of Deposition Technologies for Thin Films and	Noyes Publications,	TP			y	
Burstein, Weisbuch	Confined Electrons and Photons (NATO ASI Vol. 340)	Plenum Press, 1995	ASI			y	
Busch, Lölkes,	Photonic Crystals	Wiley-VCH, 2004	OS	HL	2007	f-2015	Witzan ??
Busch, Schade	Vorlesungen über Festkörperphysik	Birkhäuser 1973	FK	Exp		f-2015	Achleitner
Bushan, B.	Springer Handbook of Nanotechnology	Springer Verlag, 2004	NS			y	G.Springholz
Butcher, Cotter	The Elements of Nonlinear Optics	Cambridge University	OS			y	
Butcher, March, Tosi	Physics of Low-Dimensional Semiconductor Structures	Plenum Press, 1993	2D			y	
Buttegenbach	Mikromechanik	Teubner, 1991	TP	HL		y	

Authors	Title	Publisher	Catego...	Insti...	Acquisition	Status	Borrower
Cahn, Haasen	Physical Metallurgy, Volume 1	Elsevier, 1996	TP			y	
Cahn, Haasen	Physical Metallurgy, Volume 2	Elsevier, 1996	TP			y	
Cahn, Haasen	Physical Metallurgy, Volume 3	Elsevier, 1996	TP			y	
Cahn,Lifshin (eds.)	Concise Encyclopedia of Materials Characterization	Pergamon 1993	TN			y	
Cahn, P. Haasen, E. J.	Materials Science and Technology - Vol. 1: Structure of	VCH, 1993	FK		2001-FK	y	
Cahn, P. Haasen, E. J.	Materials Science and Technology - Vol. 15: Processing of	VCH, 1991	TP		2001-FK	y	
Cahn, R. W.	The Coming of Materials Science	Pergamon, 2001	FK		2007	y	
Callaway #1	Quantum Theory of the Solid State	Academic 1991	FK			f-2015	Achleitner
Callaway #2	Quantum Theory of the Solid State	Academic 1991	FK			y	
Campbell, S.A.	The Science and Engineering of Microelectronic Fabrication	Oxford University	TP		2001-HP	y	G.Springholz
Capasso (ed.)	Physics of Quantum Electron Devices	Springer	2D			y	
Capasso, Margaritondo	Heterojunction Band Discontinuities	North Holland 1987	2D			y	
Cardona, Güntherodt	Light Scattering in Solids IV	Springer 1984	OS			y	
Cardona, Güntherodt	Light Scattering in Solids V	Springer 1989	OS			y	
Cardona, Güntherodt	Light Scattering in Solids II	Springer, 1982	OS			y	
Chaikin, Lubensky	Principles of Condensed Matter Physics	Cambridge Univ. Press,	FK			y	
Chakraborty, Pietiläinen	The Quantum Hall Effects	Springer, 1995	2D			y	
Chamberlain, Eaves,	Electronic Properties of Multilayers	Plenum 1990 (NATO	ASI			y	
Chambers, Fitch,	Basic Vacuum Technology	Adam Hilger/IOP, 1989	ExM			y	
Chang, Mendez, Tejedor	Resonant Tunneling in Semiconductors	Plenum, 1991 (NATO	ASI			y	
Chantry G. W.	Long Wave Optics, Vol. 1: Principles	Academic Press, 1984	OS			y	
Chantry G. W.	Long Wave Optics, Vol. 2: Applications	Academic Press, 1984	OS			y	
Chelikovsky, Franciosi	Electronic Materials	Springer 1991	FK			y	
Chen, C. J.	Introduction to Scanning Tunneling Microscopy	Oxford University	SS			y	
Chen, C. J.	Introduction to Scanning Tunneling Microscopy, 2nd	Oxford, 2007	SS		2008	y	
Chernow,...(eds.)	Ion Implantation in Semiconductors	Plenum 1977	TP			y	
Cho A. (Ed.)	Molecular Beam Epitaxy (Key Papers)	AIP, 1994	WE			y	
Chow, Koch, Sargent	Semiconductor Laser Physics	Springer, 1994	OS			y	
Chuang, S. L.	Physics of Optoelectronic Devices	Wiley, 1995	BD			y	Fromherz 2014
Chuang, Shun Lien	Physics of Photonic Devices	Wiley, 2009	BD	HL	2011	y	A.Rastelli 2015
Chui	Physics of the Electron Solid	Int. Press Publ., 1994	FK			y	
Cleland, Andrew	Foundation of Nanomechanics	Springer Verlag, 2003	NS	HL	2004	y	
Clementi E.	MOTECC 1990	Escom 1990	PROC	HL		y	
Clementi E.	MOTECC 1991	Escom 1991	PROC	HL		y	
Coey	Magnetism and Magnetic Materials	Cambridge, 2010	MAG	HL	2010	y	
Cohen, Bray, Lightbody	Atomic Force Microscopy/Scanning Tunneling Microscopy	Plenum Press, 1994	SS			y	
Coleman, C. C.	Modern Physics for Semiconductor Science	Wiley-VCH, 2008	HL	HL	2011	Y	
Comsol	Comsol Multiphysics Library	Comsol 1994	Div	HL	2009	y	
Cowley	Diffraction Physics	North Holland, 1990	XRD			y	
Cowley, J. M.	Diffraction Physics, 3rd edition	North Holland, 1995	XRD			y	
Crowder, Ed.	Ion Implantation in Semiconductors and other Materials	Plenum, 1973	PROC	FK	2008	y	
Cullity	Elements of X-Ray Diffraction	Addison Wesley 1967	XRD			y	
Cullity and Graham	Introduction to Magnetic Materials, 2nd Edition	Wiley & IEEE, 2009	MAG	HL	2009	y	Venkatamaran
Cuniberti, Faga, Richter	Introducing Molecular Electronics	Springer, 2005	NS	FK	2010	y	
D`Andrea (ed)	Optics of Excitons in Confined Systems	IOP Publishing 1991	OS			f-2015	
Dabrowski, Müssig	Silicon Surfaces and Formation of Interfaces	World Scientific 2000	SS	HL	2009	y	
Dalven, R.	Introduction to Applied Solid State Physics	Plenum Press, 1990	FK			y	
Das Sarma, Pinczuk	Perspectives in Quantum Hall Effects	Wiley, 1997	2D			y	
Datta, S.	Electronic Transport in Mesoscopic Systems	Cambridge Univ. Press,	2D			f-2015	
Datta Trindle Illas	Theoretical and Computational Aspects of Magnetic	Imperial College Press	Mag		2013	y	
Davies, J. H.	The Physics of Low-Dimensional Semiconductors (#1)	Cambridge University	2D			y	
Davies, J. H.	The Physics of Low-Dimensional Semiconductors (#2)	Cambridge Univ. Press,	2D			y	G.Brunthaler
Davies, Long (eds.) #1	Physics of Nanostructures (Hardcover)	IOP Publishing, 1992	NS			y	
Davies, Long (eds.) #2	Physics of Nanostructures (Paperback)	IOP Publishing, 1992	NS			y	
davis	Quantum Electronics	Wiley, 1989	OS			y	Fromherz 2014
De Graff and McHenry	Structure of Materials	Cambridge Univ. Press	XRD	HL	2009	y	
Delerue and Lannoo	Nanostructures: Theory and Modelling	Springer Verlag, 2004	NS	HL	2004	y	
Demtröder	Experimentalphysik 2	Springer Spektrum	PA	Festk	2014	y	

Authors	Title	Publisher	Catego...	Insti...	Acquisition	Status	Borrower
Demtröder	Experimentalphysik 3	Springer	PA	Festk	2014	y	
Demtröder	Experimentalphysik 1	Springer Spektrum	PA	HL	2014	y kkk	A.Rastelli 2015
Demtröder	Experimentalphysik 2	Springer Spektrum	PA	HL	2015	y kein	A.Rastelli 2015
Demtröder	Experimentalphysik 1, 7. Aufl., 2015	Springer Spektrum 2015	PA	HL	2015	y	
Dereniak, Boreman	Infrared Detectors and Systems	Wiley, 1996	OS			y	
Desjonqueres, Spanjaard	Concepts in Surface Physics	Springer, 1996	SS			y	
Deveaud, Benoit	The Physics of Semiconductor Microcavities	Wiley-VCH, 2007	OS	HL	2011	y	
Diebold, A.C. ed.	Handbook of Silicon Semiconductor Metrology	Marcel Dekker,2001	BD	FK	2003	y	
Dietl, Awschalom,	Spintronics	Eshevier, 2008	MAG	FK	2009	y	Koch 2014
DiNardo	Nanoscale Characterization of Surfaces and Interfaces	VCH, 1994	SS			y	
Dingle (ed.)	Applications of MQW's, Selective Doping and Superlattices	Academic 1987	2D			y	
Dionne Gerald F.	Magnetic Oxides	Springer	Mag	FK	2013	y	
Dionne Gerald F.	Magnetic Oxides Nr2	Springer	MAG			f-2015	K
Dirl, Kasperkovitz	Gruppentheorie	Vieweg 1977	FK	Exp		y	
Dmitriev, Gurzadyan,	Handbook of Nonlinear Crystals	Springer, 1997	OS			y	
Dobrinski, Karkau,	Physik für Ingenieure	Vieweg&Taubner, 2010	PA	HL	2009	y	
Donovan, R. P. ed.	Contamination Free Manufacturing for Semiconductors and	Marcel Dekker, 2001	BD	FK	2003	y	
Dormann, Fiorani (Eds.)	Magnetic Properties of Fine Particles	North Holland, 1992	MAG			y	K
Dresselhaus,	Science of Fullerenes and Carbon Nanotubes	Acdemic Press, 1996	NS			y	K
Duan and Goujum	Introduction to Condensed Matter Physics	World Scientific, 2005	FK			y	
Duke, C. B. (Ed.)	Surface Science - The First Thirty Years	North Holland, 1994	SS			y	
Dyakonov	Spin Physics in Semiconductors	Springer, 2008	MAG	FK	2009	y	Koch 2014
Dyakonov, Ed.	Spin Physics in Semiconductors, #1	Springer, 2008	HL	HL	2008	Y	
Dyakonov, Ed.	Spin Physics in Semiconductors, #2	Springer, 2008	HL	HL	2008	f-2015	Koch 2014
Eaton	LabTutor	Oxford Univ. Press,	DIV			y	
Ebeling	Integrated Optoelectronics	Springer, 1992	BD			y	
Eberl, Petroff, Demeester	Low Dim. Structures Prepared by Epitaxial Growth or	Kluwer, 1995	ASI			y	
Ebert	Physikalisches Taschenbuch	Vieweg 1976	PA	Exp		y	
Edwards, Rao (Eds.)	Metal-Insulator Transitions Revisited	Taylor & Francis, 1995	FK			y	
Efros, Lockwood and	Semiconductor Nanocrystals: From Basic Principles to	Kluwer Academic, 2003	NS	FK	2011	y	
Efros, Pollak (ed.)	Electron-Electron Interaction in Disordered Solids	North-Holland, 1985	FK			y	
Ehrenreich, Turnbull	Solid State Physics Vol 44, Semiconductor Heterostructures	Academic 1991, Sol. St.	NS			y	
Ehrenreich, Turnbull	Solid State Physics Vol 42, Superconductivity, Quasicrystals	Academic Press,1989	FK			y	
Enderlein, Horing	Fundamentals of Semiconductor Physics and Devices	World Scientific, 1997	HL			y	
Enderlein, Schenk	Grundlagen der Halbleiterphysik	Akademie-Verlag 1992	HL			y	
Engelberg	Random Signals and Noise	CRC Press	Div		2013	y	
English (ed)	Materials Modelling	IOP 1992	TP			y	
Engström	The Physics of Semiconductors (Proc. 18th ICPS,	World Scientific, 1987	PROC			y	R.Trotta 2015
Engström	The Physics of Semiconductors (Proc. 18th ICPS,	World Scientific, 1987	PROC			y	
Esaki	Highlights in Condensed Matter Physics and Future	Plenum, 1991 (NATO	ASI			y	
ETH Bibliothek	Wolfgang Pauli	ETH Bibliothek	PA			y	?
Etten van	Introduction to Random Signals and Noise	Wiley	Div		2013	y	
Farrow	Molecular Beam Epitaxy: Applications to Key Materials, #1	Noyes Publications,	WE		Lost:	E	Lost: Ent-
Farrow, R. F. C.	Molecular Beam Epitaxy - Applications to Key Materials, 2.	Noyes Publications,	WE		2001-HP	y	
Farrow R. F. C. et al	Magnetism and Structure in Systems of Reduced Dimension	Plenum, 1993	ASI			y	
Fasol, Fasolino, Lugli	Spectroscopy of Semiconductor Microstructures	Plenum 1989 (NATO	ASI			y	
Feng	Semiconductor Interfaces and Microstructures	World Scientific, 1992	2D			y	
Feng (ed.)	Semiconductor Interfaces, Microstructures and Devices	IOP Publishing, 1993	2D			y	
Ferraro, Godoy, Turrent	Meßtechnische Überwachung von Solaranlagen	TÜV 1987	DIV			y	
Ferraro, Nakamoto	Introductory Raman Spectroscopy	Academic Press, 1994	OS			y	
Ferraro, Turrent, Godoy	Betriebsüberwachung von solaren Heizsystemen...	TÜV 1987	DIV			y	
Ferry #1	Semiconductors	Macmillan Publishing,	HL			E	Lost: Ent-
Ferry #2	Semiconductors	Macmillan Publishing,	HL			y	
Ferry, Barker, Jacoboni	Granular Nanoelectronics	Plenum 1991 (NATO	ASI			y	
Ferry, Goodnick	Transport in Nanostructures	Cambridge University	NS			y	
Ferry, Grondin	Physics of Submicron Devices	Plenum 1991	BD			y	
Ferry, Jacoboni (Eds.)	Quantum Transport in Semiconductors	PlenumPress, 1992	2D			y	
Feynman, Leighton,	Vorlesungen über Physik I, 1(Mechanik, Strahlung,..)	Oldenburg	PA			y	

Authors	Title	Publisher	Catego...	Insti...	Acquisition	Status	Borrower
Feynman, Leighton,	Vorlesungen über Physik I , 2 (Mechanik, Strahlung,..)	Oldenburg	PA			y	
Feynman, Leighton,	Vorlesungen über Physik II, 1 (Elektromagnetismus..)	Oldenburg	PA			y	
Feynman, Leighton,	Vorlesungen über Physik II, 2 (Elektromagnetismus..)	Oldenburg	PA			y	
Feynman, Leighton,	Vorlesungen über Physik III (Quantenmechanik.)	Oldenburg	PA			y	
Fischer, Hertz	Spin Glasses	Cambridge 1991	MAG			y	
Flegler, Heckman,	Scanning and Transmission Electron Microscopy	Freeman, 1993	ExM			y	
Foster, Hofer	Scanning Probe Microscopy	Springer, 2006	SS	FK	2009	y	
Fouckhardt, H.	Photonik	Teubner, 1994	OS			f-2015	??
Fox, Mark	Optical Properties of Solids	Oxford Univ. Press,	OS	HL	2007	f-2015	
Fox, Mark	Quantum Optics	Oxford Univ. Press.,	OS	HL	2009	y	R.Trotta 2015
Francombe, Vossen	Homojunction and Quantum-Well Infrared Detectors (Thin	Academic Press, 1995	BD			y	
Franz, Molenkamp	Topological Insulators	Elsevier, 2013	HL	HL	2015	y	G.Brunthaler
franzis	CD-ROM Lernpaket Elektronik & Elektrotechnik	franzis	Div	HL	2009	DL	E.Vorhauer DL
franzis	CD-ROM Lernpaket Mikorcontroller	franzis	Div	HL	2009	DL	E.Vorhauer DL
Freund and Suresh	Thin Film Materials	Cambridge University	WE			y	Gruber
Friedman and Miller	Photonics Rules of Thumb	SPIE Press, 2003	OS	HL	2009	y	
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zz-Info	zz-Info: f-2015...missing (fehlendes) book in year 2015	zz-Info	zz-Info		zz-Info	00	zz-Info
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