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MA-1

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Houssa, M. et al.

2D Materials for Nanoelectronics

Apr 2016 467 頁 Hardback (CRC Pr.)

ISBN 9781498704175 ¥31,540

2D Materials for Nanoelectronics is the first comprehensive treatment of these materials and their applications in nanoelectronic devices.

MA-2

【最先端の材料、構造体、力学】

Kalooop, M.

Advanced Materials, Structures and Mechanical Engineering: Proceedings of the International Conference on Advanced Materials, Structures and Mechanical Engineering, Incheon, South Korea, May 29-31, 2015

Apr 2016 406 頁

Hardback (CRC Pr.)

ISBN 9781138027930 ¥40,980

MA-3

【先端材料の製造、物理学、力学、応用】

Parinov, I.A. et al. (eds)

Advanced Materials: Manufacturing, Physics, Mechanics and Applications (Springer Proceedings in Physics, Vol 175)

Jan 2016 707 頁 Hardback (Springer)

ISBN 9783319263229 ¥48,400

This proceedings volume presents selected and peer reviewed 50 reports of the 2015 International Conference on "Physics and Mechanics of New Materials and Their Applications" (Azov, Russia, 19-22 May, 2015), devoted to 100th Anniversary of the Southern Federal University, Russia.

MA-4

【材料および構造物の連続体力学】

Naumenko, K. & M. Ařmus (eds)

Advanced Methods of Continuum Mechanics for Materials and Structures (Advanced Structured Materials, Vol 60)

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MA-5

【応用力学、材料の挙動、工学システム】

Boukharouba, T. et al. (eds)

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MA-6

【結合、構造、固体化学】

Ladd, M.

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¥16,140

MA-7

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Lamon, J.

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MA-8

【カーボンナノ材料データ集・全2巻】

Sattler, K.D.

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MA-9

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American Ceramic Society

CESP Set 2015 (Ceramic Engineering and Science Proceedings)

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MA-10

【化学的に結合したリン酸セラミックス・第2版】

Wagh, A.S.

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2016 422 ㊦ Hardback (Elsevier)
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MA-11
【クラスターイオン-固体相互作用】

Insepov, Z.

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¥20,360

MA-12
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Kar, K.K. (ed)

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MA-13
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MA-14
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Vargel, C.

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MA-15
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Khene, S.

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MA-16
【結晶化の考え方 - 化学の役割】

Ramasami, P. et al. (eds)

Crystallizing Ideas - The Role of Chemistry

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ISBN 9783319317588 ¥56,180

Twenty-three carefully selected, peer-reviewed contributions from the International Conference on Pure and Applied Chemistry (ICPAC 2014) are featured in this edited book of proceedings.

MA-17
【スマート先端材料の設計、製造、特性、応用】

Hou, Xu

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MA-18
【シリコンナノ結晶およびナノ構造体のデバイスへの応用】

Koshida, N. (ed)

Device Applications of Silicon Nanocrystals and Nanostructures (Nanostructure Science and Technology) Apr 2016

360 ㊦ Hardback (Springer)
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MA-19
【電場における誘電体・第2版】

Raju, G.G.

Dielectrics in Electric Fields, Second Edition

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MA-20
【強磁性結晶および薄膜におけるドメイン】

Tagantsev, A.K. et al.

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MA-21
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Kumar, S.A.

Eco-Friendly Nano-Hybrid Materials for Advanced Engineering Applications

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This new book focuses on eco-friendly nanohybrid.

MA-22
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Ramamurthi, A. & C. Kothapalli

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MA-23
【電気化学的ナノ製造技術・第2版】

Wei, Di

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MA-24
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MA-25

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Colás, R. & G.E. Totten

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The first of many important works featured in CRC Press' Metals and Alloys Encyclopedia Collection, the Encyclopedia of Iron, Steel, and Their Alloys covers all the fundamental, theoretical, and application-related aspects of the metallurgical science, engineering, and technology of iron, steel, and their alloys.

MA-26

【ナノテクノロジー百科事典】

Bhushan, B. (ed)

Encyclopedia of Nanotechnology 2nd Edition

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ISBN 9789401797818 ¥515,160

The second edition of this exhaustive work provides a genuinely international, comprehensive and multi-disciplinary reference encompassing the many diverse topics surrounding the field of nanotechnology.

MA-27

【表面およびコロイド科学百科事典・第3版(全10巻)】

Somasundaran, P.

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MA-28

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Zarko, V.E. & A.A. Gromov

Energetic Nanomaterials: Synthesis, Characterization, and Application

Feb 2016 392 ㊦ Hardback (Elsevier)

ISBN 9780128027103 ¥43,200

MA-29

【物質の極限状態】

Fortov, V.E.

Extreme States of Matter: High Energy Density Physics (Springer Series in Materials Science, Vol 216)

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ISBN 9783319189529 ¥33,040

MA-30

【磁性材料の原理と応用】

Krishnan, K.M.

Fundamentals and Applications of Magnetic Materials

Aug 2016 816 ㊦ Hardback (Oxford U.P.) ISBN9780199570447 ¥16,140

Students and researchers looking for a comprehensive textbook on magnetism, magnetic materials and related applications will find in this book an excellent explanation of the field.

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Schmerr, L.W., Jr.

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(Springer) ISBN9783319304618 ¥38,870

MA-32

【スピントロニクスにおけるグラフェン】

Inoue, J. et al.

Graphene in Spintronics: Fundamentals and Applications

May 2016 306 ㊦ Hardback

(Pan Stanford) ISBN9789814669566 ¥23,590

The discovery and fabrication of new materials have opened the gate for new research fields in science and technology.

MA-33

【グラフェン化学ハンドブック・全6巻】

Aliofkhaezrael, M. et al.

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ISBN 9781466591189 ¥118,730

MA-34

【GraphITA 2011 グラフェンの基礎と応用】

Ottaviano, L. & V. Morandi (eds)

GraphITA 2011: Selected papers from the Workshop on Fundamentals and Applications of Graphene (Carbon Nanostructures)

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ISBN 9783662520765 ¥44,510

MA-35

【バイオセラミックスおよびバイオコンポジットハンドブック】

Antoniac, I.V. (ed)

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MA-36

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Murphy, W. et al. (eds)

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MA-37

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Saxena, S.

Handbook of Boron Nanostructures

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ISBN 9789814613941 ¥15,890

MA-38

【カーボンナノ材料ハンドブック】

D'Souza, F. & K.M. Kadish (eds)

Handbook of Carbon Nano Materials.

(Vol 7: Synthetid Developments of Graphene and Nanotubes / Vol 8: Characterization, Conducting Polymer and Sensor Applications)

Oct 2015 500 ㊦ Hardback (World Scientific)

ISBN 9789814678902 ¥55,290

The seventh and eighth volumes of Handbook of Carbon Nano Materials focus on novel properties and applications of nanocarbons, viz., graphene, nanotube and fullerene.

MA-39

【無水マレイン酸ハンドブック】

Musa, O.M. (ed)

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Hardback (Springer)

ISBN 9783319294537 ¥60,060

MA-40

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Tao, Xiaoming (ed)

Handbook of Smart Textiles Sept 2015

1063 ㊦ Hardback (Springer)

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MA-41

【スピントロニクスハンドブック】

Xu, Yongbing et al. (eds)

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1609 ㊦ Hardback (Springer)

ISBN 9789400768932 ¥158,430

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MA-44

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Peng, H. et al. (eds)

Industrial Applications of Carbon Nanotubes (Micro and Nano Technologies) Oct 2016

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ISBN 9780323414814 ¥34,560

MA-45

【結晶および関連化合物の赤外分光】

Chukanov, N.V. & A.D. Chervonnnyl

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ISBN 9783319253473 ¥46,460

MA-46

【金属間化合物】

Steurer W. & J. Dshemuchadse

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ISBN 9780198714552 ¥21,110

MA-47

【磁性および磁性材料入門・第3版】

Jiles, D

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A long overdue update, this edition of Introduction to Magnetism and Magnetic Materials is a complete revision of its predecessor.

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MA-49

【マグネシウムセメント】

Shand, M.

Magnesia Cements: From formulation to application May 2016 400 ㊦

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MA-50

【2次元および3次元ナノ粒子の磁気構造】

Levy, J.-C. S.

Magnetic Structures of 2D and 3D Nanoparticles: Properties and Applications

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MA-51

【磁性 - 原理からナノスケールダイナミクスまで】

Stohr, J. et al.

Magnetism: From Fundamentals to Nanoscale Dynamics (Springer Series in Solid-State

Sciences, Vol 152) Apr 2016 844 ㊦
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This text book gives a comprehensive account of magnetism, one of the oldest yet most vibrant fields of physics.

MA-52
【次世代リソグラフィのための材料と加工】
Robinson, A. & R. Lawson (eds)
Materials and Processes for Next Generation Lithography (Frontiers of Nanoscience, Vol 11) Sept 2016 425 ㊦ Hardback (Elsevier) ISBN 9780081003541 ¥33,690

MA-53
【宇宙船用材料】
Dunn, B.D.
Materials and Processes: for Spacecraft and High Reliability Applications (Springer Praxis Books) Dec 2015 667 ㊦ Hardback (Springer) ISBN 9783319233611 ¥33,040

MA-54
【材料化学 - 技術革新への学際的アプローチ】
Friedrich, K. et al.
Materials Chemistry: A Multidisciplinary Approach to Innovative Methods Apr 2016 494 ㊦ Hardback (Apple Academic Pr.) ISBN 9781771882514 ¥24,590

MA-55
【持続可能なエネルギーへの材料の応用】
Munoz-Rojas, D. & Xavier Moya
Materials for Sustainable Energy Applications: Conversion, Storage, Transmission, and Consumption June 2016 826 ㊦ Hardback (Pan Stanford) ISBN 9789814411813 ¥39,490

MA-56
【材料ハンドブック・第3版】
Cardarelli, F.
Materials Handbook: A Concise Desktop Reference 3rd ed. Apr 2016 1600 ㊦ Hardback (Springer) ISBN 9783319389233 ¥54,230

MA-57
【材料力学 - エクセルの応用】
Muvdi, B.B. & S. Elhouar
Mechanics of Materials: With Applications in Excel June 2016 707 ㊦ Hardback (CRC Pr.) ISBN 9781466570719 ¥22,100

MA-58
【メタ材料 - 結晶、非結晶、準結晶を超えて】
Cui, Tie Jun et al.
Metamaterials: Beyond Crystals, Noncrystals, and Quasicrystals June 2016 311 ㊦ Hardback (CRC Pr.)

ISBN 9781482223101 ¥34,770

MA-59
【ナノ材料のマイクロ波工学】
Guenin, E.
Microwave Engineering of Nanomaterials: From Mesoscale to Nanoscale Mar 2016 452 ㊦ Hardback (Pan Stanford) ISBN 9789814669429 ¥28,310
The use of microwaves has gradually democratized itself in several scientific areas and is now a common methodology in domains as different as chemistry, protein digestion, mining, and metallurgy.

MA-60
【鉱物処理工程の設計と管理・第2版】
Gupta, A. & D.S. Yan
Mineral Processing Design and Operations, Second Edition: An Introduction 2nd Edition May 2016 882 ㊦ Hardback (Elsevier) ISBN 9780444635891 ¥44,060

MA-61
【鉱物および材料の蛍光分析】
Gaft, M. et al.
Modern Luminescence Spectroscopy of Minerals and Materials, 2nd Edition (Springer Mineralogy) Nov 2015 606 ㊦ Hardback (Springer) ISBN 9783319247632 ¥33,040

MA-62
【月 - エネルギーおよび鉱物資源の観点から】
Badescu, V. (ed)
Moon: Prospective Energy and Material Resources May 2016 788 ㊦ Paperback (Springer) ISBN 9783662520079 ¥46,460

MA-63
【多成分ポリマー材料】
Kim, J.K. et al. (eds)
Multicomponent Polymeric Materials (Springer Series in Materials Science, Vol 223) July 2016 590 ㊦ Hardback (Springer) ISBN 9789401773232 ¥36,930

MA-64
【ナノメカニクスの多重スケールモデリング】
Weinberger, C.R. & G.J. Tucker (eds)
Multiscale Materials Modeling for Nanomechanics (Springer Series in Materials Science, Vol 245) July 2016 530 ㊦ Hardback (Springer) ISBN 9783319334783 ¥24,290

MA-65
【ナノ材料と高分子膜 - 合成、特性評価、応用】
Saleh, T.A. & V.K. Gupta
Nanomaterial and Polymer Membranes: Synthesis, Characterization, and Applications Mar 2016 284 ㊦ Paperback (Elsevier) ISBN 9780128047033 ¥34,560

MA-66

【燃料電池触媒用ナノ材料】

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MA-67

【持続可能なエネルギーのためのナノ材料】

Li, Quan (ed)

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(NanoScience and Technology)

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MA-68

【ナノ材料 - 科学と応用】

Kane, D.M. et al.

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ISBN 9789814669726 ¥23,590

MA-69

【ナノ科学 - ナノテクノロジーとナノ物理学】

Dupas, C. et al. (eds)

Nanoscience: Nanotechnologies and

Nanophysics Apr 2016 860 ㊦

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ISBN 9783662500354 ¥50,660

MA-70

【ナノシリコン 第2版】

Kumar, V.

Nanosilicon, 2nd Edition Mar 2016 464 ㊦

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ISBN 9780080982380 ¥29,360

MA-71

【ナノサイズのチューブ状粘土鉱物】

Yuan, Peng et al. (eds)

Nanosized Tubular Clay Minerals: Halloysite

and Imogolite (Developments in Clay Science,

Vol 7) June 2016 778 ㊦ Hardback

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Nanosized Tubular Clay Minerals provides the latest coverage from leading scientists on a wide field of expertise regarding the current state of knowledge about nanosized tubular clay minerals.

MA-72

【多機能的応用のためのナノ構造体と薄膜】

Tiginyanu, I. et al. (eds)

Nanostructures and Thin Films for

Multifunctional Applications: Technology,

Properties and Devices (NanoScience and

Technology) Apr 2016 576 ㊦

Hardback (Springer)

ISBN 9783319301976 ¥36,930

MA-73

【新しいフッ化炭素 - 原理と応用】

Boltina, O. & T. Nakajima (eds)

New Fluorinated Carbons: Fundamentals and

Applications: Progress in Fluorine Science

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This volume provides an overview of cutting-edge research and emerging applications using new fluorinated carbon materials such as fullerenes, carbon nanotubes, polycyclic aromatic molecules, carbon nanofibers, and graphenes.

MA-74

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Parvulescu, V.I. & E. Kemnitz

New Materials for Catalytic Applications

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MA-75

【不織布 - プロセス、構造、特性、応用】

Karthik, T. et al.

Nonwovens: Process, Structure, Properties

and Applications May 2016 358 ㊦

Hardback (WPI Publishing)

ISBN 9789385059124 ¥26,820

MA-76

【核形成と金属の成長】

Haumesser, P.-H.

Nucleation and Growth of Metals: From Thin

Films to Nanoparticles

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ISBN 9781785480928 ¥17,280

MA-77

【フッ化物材料のフォトニクス的・エレクトロニクス

的特性】

Tressaud, A. & K.R. Poepelmeier (eds)

Photonic and Electronic Properties of

Fluoride Materials: Progress in Fluorine

Science Series (Progress in Fluorine Science)

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ISBN 9780128016398 ¥34,560

Photonic and Electronic Properties of Fluoride Materials: Progress in Fluorine Science, the first volume in this new Elsevier series, provides an overview of the important optical, magnetic, and non-linear properties of fluoride materials.

MA-78

【多孔質弾性体】

Cheng, Alexander H.-D.

Poroelasticity (Theory and Applications of

Transport in Porous Media, Vol 27)

Apr 2016 877 ㊦ Hardback (Springer)

ISBN 9783319252001 ¥33,040

MA-79

【多孔性シリコン・全3巻】

Korotcenkov, G

Porous Silicon: From Formation to Application, Three Volume Set

Jan 2016 1248 ㊦ Hardback (CRC Pr.)

ISBN 9781482264524 ¥56,880

MA-80

【複合材料の力学・第4版】

Gibson, R.F.

Principles of Composite Material Mechanics, Fourth Edition Feb 2016 676 ㊦

Hardback (CRC Pr.)

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MA-81

【宇宙環境における材料および構造物の保護】

Kleiman, J. (ed)

Protection of Materials and Structures from the Space Environment: ICPMSE-11 (Astrophysics and Space Science Proceedings, Vol 43) July 2016 570 ㊦ Hardback

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MA-82

【鉄鋼および複合構造体の最近の進歩】

Gizejowski, M.A. et al.

Recent Progress in Steel and Composite Structures: Proceedings of the XIII International Conference on Metal Structures (ICMS2016, Zielona Góra, Poland, 15-17 June 2016) May 2016 210 ㊦

Hardback (CRC Pr.)

ISBN 9781138029460 ¥37,750

MA-83

【破壊および損傷力学の最近の傾向】

Hütter, G. & L. Zybelle (eds)

Recent Trends in Fracture and Damage Mechanics Sept 2015 442 ㊦

Hardback (Springer)

ISBN 9783319214665 ¥36,930

MA-84

【ナノ科学およびナノテクノロジーにおける走査型プローブ顕微鏡】

Bhushan, B. (ed)

Scanning Probe Microscopy in Nanoscience and Nanotechnology (Nanoscience and Technology) Apr 2016 988 ㊦ Paperback

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