

1. Meissner, Ulf-G.,
539.7548 MER2 Effective field theories / Ulf-G. Meissner , and Akaki Rusetsky. - UK: CUP, 2022.
14218 x, 613p.
ISBN : 9781108476980.
1. Quantum chromodynamics. 2. Quantum field theory. 3. Field theory (Physics). I. Title

(Shelf)
2. Roberts, Daniel A.,
006.31 ROR2 The principles of deep learning theory: an effective theory approach to understanding neural networks /
14220 Daniel A. Roberts and Sho Yaida based on research in collaboration with Boris Hanin.. - UK: CUP, 2022.
x, 460p.
ISBN : 9781316519332.
1. Deep learning (Machine learning) 2. SCIENCE / Physics / Mathematical & Computational. I. Title

(Shelf)
3. Tanaka, Akinori
006.31 TAR1 Deep learning and physics / by Akinori Tanaka, Akio Tomiya, and Koji Hashimoto. - Japan: Springer,
14221 2021.
xiii, 207p.
ISBN : 9789813361102.
1. Deep learning. I. Title

(Shelf)
4. Lynch, Stephen
515.352 LYQ8 Dynamical systems with applications using Python / Stephen Lynch.. - Switzerland: Birkhauser, 2018.
14222 xvi, 665p.
ISBN : 9783319781440.
1. Dynamical system- python. I. Title

(Shelf)
5. Obertelli, Alexandre
539.7 OBR1 Modern nuclear physics: from fundamentals to frontiers / by Alexandre Obertelli and Hiroyuki Sagawa. -
14223 Singapore: Springer, 2021.
xv, 727p.
ISBN : 9789811622915.
1. Nuclear physics. I. Title

(Shelf)
6. Khalil, Shaaban,
539.754 KHR2 Standard model phenomenology / Shaaban Khalil & Stefano Moretti.. - First edition. ed.. - Boca Raton.:
14235 CRC Press, 2022.
xxi, 224p.
ISBN : 9781138336438. .-ISBN : 9781138336438.
1. Standard model (Nuclear physics) 2. Particles (Nuclear physics). I. Moretti, Stefano, II. Title

(Shelf)

7. Vittorio, N.,
530.11 VIR3 An overview of general relativity and space-time / Nicola Vittorio.. - First edition. ed.. - Boca Raton: CRC
14236 Press, 2023.
xv, 255p.
ISBN : 9780367683047. .-ISBN : 9780367692889.
1. Space and time. I. Title

(Shelf)
8. Grabovsky, Andrey,
539.7548 GRR3 Introduction to the theory of strong interactions: theory and applications / Andrey Grabovsky.. - Boca
14237 Raton: CRC Press, 2023.
vii, 309p.
ISBN : 9781032206752. .-ISBN : 9781032223933.
1. Strong interactions (Nuclear physics). I. Title

(Shelf)
9. Lee, John H. S., 1938-
621.4021 LER2 Fundamentals of Thermodynamics. / by John H S Lee and K Ramamurthi. - First edition. ed.. - Boca
14238 Raton: CRC Press, 2022.
xv, 148p.
ISBN : 9781003224044.
1. Thermodynamics. I. Ramamurthi, K. II. Title

(Shelf)
10. Rajasekar, S.
530.12 RAR3 Quantum mechanics / S. Rajasekar, R. Velusamy.. - Second edition. ed.. - New York: CRC Press, 2015.
14239 xix, 585p.
v. 1. The fundamentals -- v. 2. Advanced topics.
ISBN : 9780367769987. .-ISBN : 9780367776367.
1. Quantum theory. I. Title

(Shelf)
11. Melia, fulvio
530.11 MER1 The Cosmic spacetime / by Fulvio Melia. - Boca Raton: CRC Press, 2021.
14240 xiv, 406p.
ISBN : 9780367532413.
1. Spacetime. I. Title

(Shelf)
12. Banafa, Ahmed,
004.1 BAR3 Quantum computing and other transformative technologies / Ahmed Banafa.. - Denmark: River, 2023.
14241 xxvii, 231p.
ISBN : 9788770226844.
1. Quantum computing. I. Title

(Shelf)

13. Chen, Sow-Hsin,
530.42 CHQ5 Scattering methods in complex fluids / Sow-Hsin Chen, and Piero Tartaglia.. - UK: CUP, 2015.
14253 xii, 252p.
ISBN : 9780521883801.
1. Complex fluids. 2. Scattering (Physics). I. Title

(Shelf)
14. Elaissari, Abdelhamid
610.28 EBQ8 Colloidal nanoparticles in biotechnology / edited by Abdelhamid Elaissari.. - Hoboken, N.J.: Wiley-
14254 Interscience, c2008.
xiii, 358 p., [8] p. of plates :
Reactive nanocolloids for nanotechnologies and microsystems -- Nanoparticles comprising
pH/temperature-responsive amphiphilic block copolymers and their applications in biotechnology --
Evolution in malaria disease detection : from parasite visualization to colloidal-based rapid diagnostic --
Antigen-antibody interactions detected by quasi-elastic light scattering and electrophoretic mobility
measurements--a new concept for latex immunodiagnostic test -- Biospecific reactions by affinity latexes
from diagnostics to multiplex assay -- Fluorescent colloidal particles as detection tools in biotechnology
systems --.
ISBN : 9780470230527 (cloth). .-ISBN : 0470230525 (cloth).
1. Nanoparticles 2. Colloids in medicine. 3. Nanoparticles 4. Colloids 5. Nanomedicine. I. Elaissari,
Abdelhamid. II. Title

(Shelf)
15. Kasap, Safa.
621.381045 KAP9 Cambridge illustrated handbook of optoelectronics and photonics / by Safa Kasap, Harry Ruda and Yann
14255 Boucher. - UK: CYBER MEDIA.
ISBN : 9781107404236.
I. Title

(Shelf)
16. Palumbo, G
543.5 PAP4 Lasers and current optical techniques in biology / by G Palumbo, and R Pratesi. - UK: CUP, 2004.
14256 xxiv, 658p.
1. Laser 2. Optical techniques. I. Title

(Shelf)
17. Kastner, Ruth E.,
530.12 KAR2 The transactional interpretation of quantum mechanics: a relativistic treatment / Ruth E. Kastner,
14257 University of Maryland.. - Second edition. ed.. - UK: CUP, 2022.
x, 250p.
ISBN : 9781108907538.
1. Transactional interpretations (Quantum theory) 2. SCIENCE / Physics / General. I. Title

(Shelf)

18. Giorgilli, Antonio
512.55 HAR2 Notes on Hamiltonion dynamical systems / by Antonio Giorgilli. - New York: CUP, 2022.
14292 xix, 451p.
1. Hamiltonion dynamical system. I. Title

(Shelf)
19. Birrell, N D
530.143 BIO4 Quantum fields in curved space / by N D birrell and P c W Davies. - UK: CUP, 2004.
14293 ,14299 ix, 340p.
ISBN : 9780521278589.
1. Curved space 2. Quantum field theory. I. Title

(Shelf); (Shelf)
20. Transport phenomena in dispersed media
530.138 KER3 Transport phenomena in dispersed media.
14294 ISBN : 9781032238630.
1. Transport phenomena. I. Title

(Shelf)
21. Ramkarthik, M. S.,
530.1202 An object oriented Python cookbook in quantum information theory and quantum computing / M.S.
14295 Ramkarthik and Pranay Barkataki.. - First edition. ed.. - Boca Raton: CRC Press, 2023.
xvii, 251p.
Introduction to Python and object oriented programming -- Basic quantum mathematics tools --
Numerical linear algebra operations -- Quantum information and quantum computation tools --
Quantification of quantum entanglement -- One-dimensional quantum spin-1/2 chain models --
Generating random matrices and random vectors.
ISBN : 9781032256078. .-ISBN : 9781032258898.
1. Quantum theory 2. Quantum computing. 3. Python (Computer program language) 4. Object-oriented
programming (Computer science). I. Title

(Shelf)
22. Wang, Hongwei
532 WAR3 A guide to fluid mechanics / Hongwei Wang.. - UK: CUP, 2023.
14296 xvii, 305p.
ISBN : 9781108498838. .-ISBN : 9781108712781.
1. Fluid mechanics. I. Title

(Shelf)
23. Bindi, Veronica,
539.7223 BIR3 Cosmic ray physics: an introduction to the cosmic laboratory / Veronica Bindi, Mercedes Paniccchia and
14298 Martin Pohl.. - First edition. ed.. - Boca Raton: CRC Press, 2023 2023.
xi, 312p.
ISBN : 9781032003917. .-ISBN : 9781032020013.
1. Cosmic rays. I. Paniccchia, Mercedes, II. Pohl, Martin, III. Title

(Shelf)

