

Y

1. Sharma, R G

537.623 SHQ5 Superconductivity: basics and applications to magnets / by R G Sharma. - 2nd ed. - Switzerland:
 14565 Springer, 2015.
 xxv, 631p.
 ISBN : 9783030756710.
 1. Superconductivity 2. Superconductivity-magnet. I. Title

(Shelf)

2. Datseris, George

515.39 DAR2 Nonlinear dynamics: a concise introduction interlaced with code / by George Datseris. - Switzerland:
 DAR2 Springer, 2022.
 14566 xv, 236p.
 ISBN : 9783030910310.
 1. Nonlinear dynamics. I. Title

(Shelf)

3. Tumulka, Roderich

530.12 TUR2 Foundations of quantum mechanics / by Roderich Tumulka. - Switzerland: Springer, 2022.
 14567 xvii, 468p.
 ISBN : 9783031095474.
 1. Quantum mechanics. I. Title

(Shelf)

4. Weinzierl, Stefan

515.43 WER2 Feynman integrals: a comprehensive treatment for students and researchers / by Stefan Weinzierl. -
 14568 Switzerland: Springer, 2022.
 xiv, 857p.
 ISBN : 9783030995577.
 1. Feynman integrals. I. Title

(Shelf)

5. Lectures on quantum mechanics. - 3rd ed. - Switzerland: Springer,.

530.12 BAR3 xvii, 481p.
 14569 ISBN : 9783031176340.
 1. Quantum mechanics. I. Title

(Shelf)

6. Hertel, Peter

530.12 HEQ7 Quantum theory and statistical thermodynamics: principles and worked examples / by Peter Hertel. -
 14570 Switzerland: Springer, 2017.
 xiv, 368p.
 ISBN : 9783319585949.
 1. Statistical thermodynamics. I. Title

(Shelf)

Y

7. Shiryaev, Albert N

519.2 SHQ9 Stochastic disorder problems / by Albert N Shiryaev. - Switzerland: springer, 2019.

14587 xix, 397p.
ISBN : 9783030015251.

1. Stochastic problem. I. Title

(Shelf)

8. D Auria, Saverio.

539.7 DAQ8 Introduction to nuclear and particle physics / by Saverio D Auria.. - 1st edition. ed.. - Switzerland: Springer, 2018.

14588 ,13904 xii, 192p.
ISBN : 9783319938547.

1. Nuclear physics 2. Particle physics. I. Title

(Shelf); (Shelf)

9. McCarthy, Dennis D.,

529.7 MCQ8 Time: from Earth rotation to atomic physics / Dennis D. McCarthy , P. Kenneth Seidelmann. - Second edition. ed.. - UK: CUP, 2018.

14589 ,14022 xvi, 386p.
ISBN : 9781107197282.

1. Time measurements. 2. Time. 3. Earth (Planet). I. Title

(Shelf); (Shelf)

10. Campbell, C G

538.6 CAQ8 Magneto hydrodynamics in Binary stars / by C G Campbell. - 2nd ed. - Switzerland: Springer, 2018.

14590 xvii, 474p.
ISBN : 9783319976457.

1. Magneto-hydrodynamics. I. Title

(Shelf)

11. Papantonopoulos, Eleftherios

530.12 PAQ5 Modifications of Einstein's theory of gravity at large distances / by Eleftherios Papantonopoulos. - Switzerland: Springer, 2015.

14591 xvi, 426p.
ISBN : 9783319100692.

1. Gravity. I. Title

(Shelf)

12. General and statistical thermodynamics / by Raza Tahir-Kheli. - Switzerland: Springer, 2012.

621.4021 TAQ2 xxix, 677p.
ISBN : 9783662601907.

14592 1. Statistical thermodynamics. I. Title

(Shelf)

Y

13. Wegner, Franz

530.13 WEQ6 Supermathematics and its applications in statistical physics / by Franz Wegner. - Switzerland: Springer, 2016.
 14593 xvii, 374p.
 ISBN : 9783662491683.
 1. Statistical physics. I. Title

(Shelf)

14. Pereyra, Pedro

530.12 PEQ6 Fundamentals of quantum physics / by Pedro Pereyra. - Berlin: Springer, 2012.
 14594 xvii, 321p.
 ISBN : 9783662601785.
 1. Quantum physics. I. Title

(Shelf)

15. Angelis, Alessandro De

523.0197 ANQ5 Introduction to particle and astroparticle physics: questions to the universe / by Alessandro De Angelis. -
 14595 ,12640 New York: Springer, 2015.
 xxiii, 661p.
 ISBN : 9788847026872.
 1. Astroparticle physics. I. Title

(Shelf); (Shelf)

16. Aitchison, Ian Johnston Rhind, 1936-

539.72 AIR4 Gauge Theories in Particle Physics, 40th Anniversary Edition : A Practical Introduction / Ian J.R.
 14596 Aitchison and Anthony J.G. Hey.. - Fifth edition. ed.. - Boca Raton: CRC Press, 2024.
 xiv, 367p.
 v. 1. From relativistic quantum mechanics to QED -- v. 2. Non-Abelian gauge theories : QCD and the electroweak theory.
 ISBN : 9781032531717. .-ISBN : 9781032531748.
 1. Gauge fields (Physics) 2. Particles (Nuclear physics) 3. Weak interactions (Nuclear physics) 4. Quantum electrodynamics. 5. Feynman diagrams. I. Hey, Anthony J. G., II. Title

(Shelf)

17. Adhikari, Avishek

514 ADR2 Basic topology / by Avishek Adhikari and Mahima Ranjan Adhikari. - Switzerland: Springer, 2022.
 14600 ,14605 xxix, 367p.
 ,14599 ISBN : 9789811665790.
 1. Topology. I. Title

(Shelf); (Shelf)-vol 3; (Shelf)-vol 1

18. Adhikari, Avishek

514 ADR2 Basic topology / by Avishek Adhikari and Mahima Ranjan Adhikari. - Switzerland: Springer, 2022.
 14600 ,14605 xxix, 367p.
 ,14599 ISBN : 9789811665790.
 1. Topology. I. Title

(Shelf); (Shelf)-vol 3; (Shelf)-vol 1

Y

19. Takahashi, Yoshinori
539.725 TAP3 Spin fluctuation theory of itinerant electron magnetism. / by Yoshinori Takahashi. - New York: Springer, 2013.
14601 xi, 181p.
ISBN : 9783642366659.
1. Spin Fluctuation. I. Title

(Shelf)
20. Melia, fulvio
530.11 MER1 The Cosmic spacetime / by Fulvio Melia. - Boca Raton: CRC Press, 2021.
14602 ,14240 xiv, 406p.
ISBN : 9780367532413.
1. Spacetime. I. Title

(Shelf); (Shelf)
21. Ghergu, Marius,
515.33 GHR4 Differential calculus in several variables: a learning-by-doing approach / Marius Ghergu.. - First edition. ed.. - Boca Raton: CRC Press, 2024.
14603 xv, 308p.
ISBN : 9781032583396. .-ISBN : 9781032582542.
1. Differential calculus 2. Functions of several real variables. I. Title

(Shelf)
22. Burton, David A.
530.156 BUR4 A geometrical approach to physics / David A. Burton and Adam Noble.. - First edition. ed.. - Boca Raton: CRC Press, 2024.
14604 187 pages :
ISBN : 9781032133805. .-ISBN : 9781032129280.
1. Mathematical physics. 2. Geometry, Differential. 3. Physics. I. Noble, Adam II. Title

(Shelf)
23. Adhikari, Avishek
514 ADR2 Basic topology / by Avishek Adhikari and Mahima Ranjan Adhikari. - Switzerland: Springer, 2022.
14600 ,14605 xxix, 367p.
,14599 ISBN : 9789811665790.
1. Topology. I. Title

(Shelf); (Shelf)-vol 3; (Shelf)-vol 1
24. Egerton, R.F.,
620.11 EGQ6 Physical Principles of Electron Microscopy: An Introduction to TEM, SEM, and AEM / by R.F. Egerton.. - 2nd ed. 2016. ed.. - Switzerland: Springer, 2016.
14606 ,13886 xi, 196p.
An Introduction to Microscopy -- Electron Optics -- The Transmission Electron Microscope -- TEM Specimens and Images -- The Scanning Electron Microscope -- Analytical Electron Microscopy -- Special Topics -- Appendix: Mathematical Derivations.
ISBN : 9783319398778.
1. Materials science. 2. Microscopy. 3. Nanotechnology. 4. Spectroscopy. 5. Characterization and Evaluation of Materials. 6. Biological Microscopy. 7. Nanotechnology. 8. Spectroscopy and Microscopy.

Y

I. Title

(Shelf); (Shelf)

25. LaPierre, Ray

004.1 LAR1 Introduction to quantum computing / by Ray LaPierre. - Switzerland: Springer, 2021.
 14607 xvi, 366p.
 ISBN : 9783030693206.
 1. Quantum computing. I. Title

(Shelf)

26. Grumiller, Daniel

523.8875 GRR2 Black hole physics: from collapse to evaporation / by Daniel Grumiller and Mohammad Mehdi Sheikh-
 14647 ,14228 Jabbari. - Switzerland: Springer, 2022.
 xxviii, 416p.
 ISBN : 9783031103421.
 1. Black hole. I. Title

(Shelf); (Issued)

27. Bru, Jean-Bernard

512.55 BRR3 C* Algebras and mathematical foundations of quantum statistical mechanics: an introduction / By Jean-
 14648 Bernard Bru. - Switzerland: Springer, 2023.
 xxvii, 477p.
 ISBN : 9783031289484.
 1. Algebras. I. Title

(Shelf)

28. Mielke, Eckehard W.,

530.11 MIR2 Modern aspects of relativity / Eckehard W. Mielke.. - Singapore: World Scientific, 2022.
 14651 xi, 195p.
 ISBN : 9789811244063. .-ISBN : 9789811244056.
 1. Relativity (Physics). I. Title

(Shelf)