

1. Bohn, John L., 1965-

531.01515 BOQ8 A student's guide to analytical mechanics / John L. Bohn.. - UK: CUP, 2018.

13848

xii, 205p.

ISBN : 9781107145764 (hardback). .-ISBN : 9781316509074 (paperback).

1. Mechanics, Analytic. I. Title

(Shelf)

2. Kim, Young. Suh

530.11 KIQ9 New perspectives on Einstein's $E=mc^2$ / Young Suh Kim, and Marilyn E. Noz.. - Singapore: World Scientific, 2019 2019.

13862

xi, 185p.

ISBN : 9789813237704. .-ISBN : 9813237708.

1. Space and time. 2. Lorentz transformations. 3. Special relativity (Physics). I. Noz, Marilyn E., II. Title

(Shelf)

3. Berry, Michael V.,

530.156362 BEQ8 A half-century of physical asymptotics and other diversions: selected works by Michael Berry / Michael Berry, University of Bristol, UK.

14326

xiii, 707 pages ;

Phases -- Caustics and related optics -- Quantum chaology -- Asymptotics -- Superoscillations -- Philosophy -- Tributes.

ISBN : 9789813221192. .-ISBN : 9789813221208.

1. Mathematical physics. 2. Geometric quantum phases. 3. Caustics (Optics) 4. Quantum theory. 5. Quantum chaos. I. Title

(Shelf)

4. Conte, Mario.

539.73 COP8 An introduction to the physics of particle accelerators / Mario Conte, William W. MacKay.. - 2nd ed.. - Hackensack, N.J.: World Scientific, c2008.

14327

xv, 374 p. :

ISBN : 9789812779601. .-ISBN : 9812779604 .-ISBN : 9789812779618 (pbk.) .-ISBN : 9812779612 (pbk.).

1. Particle accelerators. I. MacKay, William W. II. Title

(Shelf)

5. Ben-Naim, Arieh,

536.7 BEQ8 The four laws that do not drive the universe: elements of thermodynamics for the curious and intelligent / Arieh Ben-Naim, The Hebrew University of Jerusalem, Israel.

14332

xvii, 180p.

ISBN : 9789813223479 (hardcover : alk. paper). .-ISBN : 9813223472 (hardcover : alk. paper).

1. Thermodynamics. I. Title

(Shelf)

6. Reglier, Marius

660.63 REQ9 Bioinspired chemistry: from enzymes to synthetic models / edited by Marius Reglier, Series editors Karl
 14333 M. Kadish, Roger Guiland.
 xix, 270 pages :
 ISBN : 9789813274433.
 1. Green chemistry. 2. Bioorganic chemistry. I. Réglier, Marius, II. Title

(Shelf)

7. Dark matter in astrophysics and particle physics, Dark 2009: proceedings of the 7th International Heidelberg Conference, Christchurch, New Zealand, 18-24 January 2009 / editors, H.V. Klapdor-Kleingrothaus, Irina V. Krivosheina.. - Hackensack NJ: World Scientific, c2010.

523.01 KLP0 xxvi, 576 p. :
 14336 ISBN : 9789814293785 (hbk.) .-ISBN : 9814293784 (hbk.).
 1. Dark matter (Astronomy) 2. Astrophysics 3. Particles (Nuclear physics). I. Klapdor-Kleingrothaus, H. V. II. Krivosheina, I. V. III. Title

(Shelf)

8. Bohr, Aage,

530.144 BRR0 The finite quantum many-body problem: selected papers of Aage Bohr / editor, Ricardo A. Broglia.. -
 14337 Singapore: World Scientific, 2020.
 xxxvi, 197p.
 Foreword / by Christian Joas -- On the quantization of angular momenta in heavy nuclei -- Rotational states of atomic nuclei -- Elementary modes of nuclear excitations and their coupling -- Excitations in nuclei -- Pair correlations and double transfer reactions -- Rotational motion -- Concepts of nuclear structure--SCIENCE -- Rotational motion in nuclei -- Some aspects of rotational motion -- Tale of Professor Aage Bohr -- Speech by Professor Aage Bohr (3rd March 1971).
 ISBN : 9789811208133.
 1. Many-body problem. I. Broglia, R. A., II. Title

(Shelf)

9. Arrigo, Daniel

515.353 ARR3 An Introduction to partial differential equations / by Daniel Arrigo. - 2nd ed.. - Switzerland,: Springer,
 14338 2023.
 x,203p.
 ISBN : 9783031220869.
 1. Partial differential equations. I. Title

(Shelf)

10. Botelho, Fabio Silva

515 BOR1 Advanced calculus and its applications in variational quantum mechanics and relativity theory / by Fabio
 14348 Silva Botelho. - Boca Raton: CRC Press, 2021.
 x, 324p.
 ISBN : 9780367746490.
 1. Advanced calculus. I. Title

(Shelf)

11. Zollanvari, Amin
006.31 ZOR3 Machine learning with python: theory and implementation / by Amin Zollanvari. - Switzerland: Springer,
14352 2023.
xvii, 452p.
ISBN : 9783031333415.
1. Machine learning 2. Machine learning with python. I. Title

(Shelf)
12. Hasebe, Nobuyuki,
523.4 HAQ8 Nuclear planetary science: planetary science based on gamma-ray, neutron and x-ray spectroscopy /
14353 Nobuyuki Hasebe, and others. - Singapore: World Scientific, 2018.
xvi, 164p.
ISBN : 9789813209701 (hbk.). -ISBN : 9813209704 (hbk.).
1. Planetary science. 2. Space sciences. 3. Astronomical spectroscopy. 4. Astronomical spectroscopy. 5.
Planetary science. 6. Space sciences. I. Title

(Shelf)
13. Cavallaro, Umberto
523 CAR3 To The stars: women spacefarers'legacy / by Umberto cavallaro. - UK: Springer, 2023.
14354 xliii, 594p.
ISBN : 9783031198595.
1. Women Spacefarers. I. Title

(Shelf)
14. Hunter, Tim B
523.1 HUR3 The Barnard objects: then and now / by Tim B Hunter, Gerald O Dobek, and James E McGaha. -
14355 Switzerland: Springer, 2023.
ISBN : 9783031314841.
1. Barnard objects. I. Title

(Shelf)
15. Geiges, Hansjorg
512.55 GER3 A Course on holomorphic discs / by Hansjorg Geiges and Kai Zehmisch. - Switzerland: Springer, 2023.
14356 xviii, 189p.
ISBN : 9783031360633.
I. Title

(Shelf)
16. Davvaz, Bijan
516.9 DAR3 Vectors and functions of several variables / by Bijan Davvaz. - Singapore,: World Scientific, 2023.
14357 viii, 424p.
ISBN : 9789819929344.
1. Analytical geometry. I. Title

(Shelf)

17. Henner, Victor
515.352 HER3 Ordinary differential equations: analytical methods and applications / by Victor Henner and others. -
14358 Switzerland: Springer, 2023.
xii, 606p.
ISBN : 9783031251290.
1. Ordinary differential equations. I. Title

(Shelf)
18. Longair, Malcolm
523.1 LOR3 Galaxy formation / by Malcolm S Longair. - 3rd ed.. - London: Springer, 2023.
14361 xxv, 772p.
1. Galaxy. I. Title

(Shelf)
19. Shiraishi, Naoto
536.7 SHR3 An Introduction to stochastic thermodynamics: from basic to advanced / by Naoto Shiraishi. - Singapore:
14396 Springer, 2023.
xiv, 443p.
1. Thermodynamics. I. Title

(Shelf)
20. Mukhopadhyay, Nitis
519.2 MUQ0 Probability and statistical inference / by Nitis Mukhopadhyay. - Boca Raton: CRC Press, 2020.
14397 xviii, 665p.
ISBN : 9780367474492.
1. Probability 2. Statistics. I. Title

(Shelf)