

## Y

1. Merino, Jaime  
530.41 MER4      Many- body techniques in condensed matter physics / by Jaime Merino, and Alfredo Levy Yeyati. -  
14737              Switzerland: Springer, 2024.  
                      xiii, 214p.  
                      ISBN : 9783031551420.  
                      1. Condensed matter physics. I. Title  
  
                      (Shelf)
2. Deruelle, Nathalie  
530.12 DEQ8      Relativity in modern physics / by Nathalie Deruelle and Jean Philippe Uzan. - New Delhi: OUP, 2018.  
14733              xi, 691p.  
                      ISBN : 9780198939788.  
                      1. Relativity. I. Title  
  
                      (Shelf)
3. Antosh, Michael  
572 ANR3         Introductory physics: summaries, examples, and practice problems / by Michael Antosh. - UK: CRC  
14734              Press, 2023.  
                      xix, 387p.  
                      1. Modern Physics. I. Title  
  
                      (Shelf)
4. Pfeifer, Christian  
530.12 PFR3      Modified and quantum gravity: : from theory to experimental searches on all scales / by Christian Pfeifer  
14735              and Claus Lammerzahl. - Switzerland: Springer, 2023.  
                      xiv, 549p.  
                      ISBN : 9783031315190.  
                      1. Quantum gravity. I. Title  
  
                      (Shelf)
5. Maggiore, Michele,  
537.6 MAR3      A modern introduction to classical electrodynamics / Michele Maggiore.. - UK: OUP, 2023.  
14736              xv, 435 p.  
                      Minimal Level Cataloging Plus.  
                      ISBN : 9780192867421. .-ISBN : 9780192867438.  
                      1. Special relativity (Physics). 2. Electromagnetic theory 3. Maxwell equations. 4. Electrodynamics. I.  
                      Title  
  
                      (Shelf)

Y

6. Majumdar, Satya N.,  
519.5 MAR4 Statistics of extremes and records in random sequences / Satya N. Majumdar, Grégory Schehr.. - UK:  
14738 OUP, 2024.  
ix, 238p.  
ISBN : 9780198797333.  
1. Statistics. I. Title  
  
(Shelf)
7. Saxena, Avadh  
530.474 SAR5 Phase transitions: a materials perspective / Avadh Saxena, AND Antoni Planes. - UK: CUP, 2025.  
14746 xv, 396p.  
ISBN : 9781009549752.  
1. Phase transformations (Statistical physics) 2. Materials 3. Thermodynamics. I. Planes, Antoni II. Title  
  
(Shelf)
8. Stefanucci, Gianluca,  
530.15353 ST Nonequilibrium many-body theory of quantum systems: a modern introduction / Gianluca Stefanucci, and  
14747 Robert van Leeuwen. - Second edition. ed.. - UK: CUP, 2025.  
xxi, 698p.  
ISBN : 9781009536790.  
1. Green's functions 2. Many-body problem 3. Quantum theory 4. SCIENCE / Physics. I. Leeuwen,  
Robert van II. Title  
  
(Shelf)
9. Magnasco, Valerio.  
541.28 MAP9 Methods of molecular quantum mechanics: an introduction to electronic molecular structure / Valerio  
14748 Magnasco.. - Chichester, U.K.: Wiley, 2009.  
xiv, 283 p. :  
ISBN : 9780470684429. .-ISBN : 9780470684412.  
1. Quantum chemistry. 2. Molecular structure. 3. Electrons. I. Title  
  
(Shelf)
10. Gour, Gilad, 1974-  
006.3843 GOR5 Quantum resource theories / Gilad Gour.. - UK: CUP., 2025.  
14749 xv, 817p.  
ISBN : 9781009560917.  
1. Quantum computing 2. Quantum theory. I. Title  
  
(Shelf)
11. Mudry, Christopher  
539.721 MUR5 Fractionalization of particles in physics: invertible topological phases of matter / by Cristopher Mudry and  
14750 Claudio Chamon. - UK: CUP, 2025.  
xi, 895p.  
ISBN : 9781107009547.  
1. Particles in physics. I. Title  
  
(Shelf)

Y

12. Goldstein, Herbert  
531 GOQ1 Classical mechanics / by Herbert Goldstein. - 3rd ed.. - New Delhi: Person, 2011.  
CF11855 xviii; 646p.  
,CF11278 ,14772 1. Classical mechanics. I. Title  
(Shelf); (Issued); (Shelf)-3rd ed
13. Griffiths, David J  
537.6 GRQ4 Introduction to electrodynamics / by David J Griffiths. - 5th ed. - New Delhi: CUP, 2024.  
14773 xix, 602p.  
ISBN : 9781009633017.  
1. Electrodynamics. I. Title  
(Shelf)
14. Jackson. John David  
530.141 JAQ7 Classical electrodynamics / by John David Jackson. - India: Wiley, 2017.  
14774 xx, 811p.  
ISBN : 9789388991070.  
1. Electrodynamics. I. Title  
(Shelf)
15. Pathria, R K  
530.133 PAR3 Statistical mechanics / by R K Pathria and Paul D Beale. - New Delhi: Academic Press, 2023.  
14644 ,14775 xxx, 738p.  
1. Statistical mechanics. I. Title  
(Shelf); (Shelf)
16. Banwell, Colin N  
543.0858 BAR4 Fundamentals of molecular spectroscopy / by Colin N Banwell and Elaine M McCash. - 6th ed.. - New  
Delhi: EWP., 2024.  
14776 xii, 352p.  
ISBN : 9788176711364.  
1. Molicular spectroscopy. I. Title  
(Shelf)
17. Kittel, Charles  
530.41 KIQ8 Kittel's Introduction to solid state physics / by Charles Kittel. - India: Wiley, 2018.  
14777 xix, 692p.  
ISBN : 9788126578436.  
1. Solid state physics. I. Title  
(Shelf)

## Y

18. Arfken, George B  
510 ARQ3 Mathematical methods for physicists: : a comprehensive guide / by George B Arfken. - India: Academic Press., 2013.  
14778 xiii, 1205p.  
ISBN : 9789381269558.  
I. Title  
  
(Shelf)
19. Boas, Mary L  
530.15 BOP6 Mathematical methods in the physical sciences / by Mary L Boas. - 3rd ed.. - New york: John Wiley, 2006.  
9294 ,9293 ,9292 xviii, 839p.  
,9291 ,9290 ISBN : 8126508108.  
1. Mathematics. I. 071113145505.0080129110856.0 II. Title  
  
(Shelf)-5; (Shelf)-5; (Issued)-5; (Shelf)-5; (Shelf)-5; (Shelf)
20. IVANOV, A A  
515.23 IVQ8 The Mathieu groups / by A A Ivanov. - UK: CUP, 2018.  
14787 xi, 171p.  
ISBN : 9781108429788.  
1. Mathieu groups 2. Permutation groups 3. Finite groups. I. Title  
  
(Shelf)
21. McKee, James  
512.7 MCP8 Number theory and polynomials / by James McKee and Chris Smyth. - UK: CUP, 2008.  
14786 xiv, 349p.  
ISBN : 9780521714679.  
1. Number theory 2. Polynomials. I. Title  
  
(Shelf)
22. Klug, William S, Michael RCummings  
576.5 KLP5 Essentials of genetics / by William S. Klug and Michael R. Cummings. - 5th ed.. - New Jersey: Pearson Prentice Hall, c2005.  
6505 ,14788 xviii, 610 p.  
ISBN : 0131435108.  
1. Genetics. I. 070607151256.0070607151256.0 II. Title  
  
(Shelf); (Shelf)
23. Underwood, Robert G  
512 UNQ6 Fundamentals of modern algebra: a global perspective / Robert G. Underwood,. - Singapore: World Scientific,.  
14789 x, 220p.  
ISBN : 9789814730280. .-ISBN : 9789814730297.  
1. Algebra, Abstract 2. Algebra. I. Title  
  
(Shelf)

Y

24. Bullett, Shaun

530.15 BUQ7 Analysis and mathematical physics / by Shaun Bullett, Tom Fearn, and Frank Smith. - Singapore: World Scientific, 2017.

14790 ix, 235p.

ISBN : 9781786340986.

1. Mathematical analysis. 2. Mathematical physics. 3. Geometry, Differential. I. Bullett, Shaun, II. Fearn, T., III. Smith, F. T. IV. Title

(Shelf)