

Y

1. Nastase, Horatiu, 1972-

530.11 NAR5 General relativity: a graduate course / by Horatiu Nastase. - UK: CUP, 2025.
14729 xiii, 385p.
ISBN : 9781009575751.
1. General relativity (Physics). I. Title

(Shelf)

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530.1109 DAR2 Relativity principles and theories from Galileo to Einstein / Olivier Darrigol.. - UK: CUP, 2022.
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(Shelf)

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xiv, 705p.
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1. Quantum field theory. 2. Standard model (Nuclear physics) 3. Particles (Nuclear physics). I. Wiese,
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(Shelf)

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530.12 RER2 Quantum mechanics: an enhanced primer / by Bruce Cameron Reed. - 2nd ed. - Switzerland: Springer,
14739 2022.
xiii, 401p.
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(Shelf)

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(Shelf)

Y

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1. Quantum information. I. Title

(Shelf)

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539.7548 CAQ8 The black book of quantum chromodynamics: a primer for the LHC era / John Campbell, Joey Huston,
13412 ,14742 Frank Krauss.. - First edition. ed.
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1. Quantum chromodynamics. I. Title

(Shelf); (Shelf)

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(Shelf)

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xiv, 272p.
Includes index.
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1. Quantum theory. I. Gordon, Goren, II. Goel, Etzion, III. Title

(Shelf)

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530.133 WAP9 Satyendra Nath Bose: his life and times : selected works (with commentary) / edited by Kameshwar C.
14745 Wali.. - Hackensack, N.J.: World Scientific, c2009.
xlii, 468p.
ISBN : 9789812790705. .-ISBN : 9789812790712.
1. Bose, Satyendranath, 2. Quantum statistics. 3. Mathematical physics. 4. Unified field theories. 5.
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(Shelf)

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(Shelf)

Y

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(Shelf)
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(Shelf)
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530.12 SHR2 A textbook on modern quantum mechanics / A.C. Sharma.. - First edition. ed.. - Boca Raton: CRC Press,
14762 2022.
xv, 430p.
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(Shelf)
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531.14 FRR4 An introduction to gravity / Joel Franklin, Reed College, Oregon.
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1. Physics. I. Title

(Shelf)

Y

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(Shelf)
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14768 xvi, 426p.
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1. Supergravity. I. Title

(Shelf)
21. Avery, John, 1933-
530.1 AVQ2 Symmetry-adapted basis sets: automatic generation for problems in chemistry and physics / John Scales
14769 Avery, Sten Rettrup, James Emil Avery.. - Hackensack, NJ: World Scientific Publishing, 2012.
xi,227p.
ISBN : 9789814350464. .-ISBN : 981435046X.
1. Algebras, Linear. 2. Symmetry (Physics) 3. Basis sets (Quantum mechanics). I. Rettrup, Sten. II.
Avery, James Emil. III. Title

(Shelf)
22. Jetzer, Philippe
530.11 JER2 Applications of general relativity with problems / by Philippe Jetzer. - Switzerland: Springer, 2022.
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1. General relativity. I. Title

(Shelf); (Shelf)
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