



Springer

4th
edition4th ed. 2008, XVII, 405 p.
With 104 Problems.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-540-85061-8

\$ 99,99

Available

Discount group

Professional Books (2)

Product category

Graduate/advanced undergraduate textbook

Other renditions

Softcover

ISBN 978-3-642-09874-1

Physics : Quantum Physics

Schwabl, Franz

Advanced Quantum Mechanics

- Essential for advanced undergraduates and graduate students
- All mathematical steps are given
- Numerous applications
- Numerous exercises

Advanced Quantum Mechanics, the second volume on quantum mechanics by Franz Schwabl, discusses nonrelativistic multi-particle systems, relativistic wave equations and relativistic quantum fields. Characteristic of the author's work are the comprehensive mathematical discussions in which all intermediate steps are derived and where numerous examples of application and exercises help the reader gain a thorough working knowledge of the subject. The topics treated in the book lay the foundation for advanced studies in solid-state physics, nuclear and elementary particle physics. This text both extends and complements Schwabl's introductory Quantum Mechanics, which covers nonrelativistic quantum mechanics and offers a short treatment of the quantization of the radiation field. The fourth edition has been thoroughly revised with new material having been added. Furthermore, the layout of the figures has been unified, which should facilitate comprehension.

Order online at springer.com/bookellers**Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-3-540-85061-8 / BIC: PHQ / SPRINGER NATURE: SCP19080

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**