**Springer**1st  
edition1st ed. 2019, XI, 291 p. 102  
illus.**Printed book**

Hardcover

**Printed book**

Hardcover

ISBN 978-3-030-27659-1

\$ 84,99

Available

**Discount group**

Professional Books (2)

**Product category**

Graduate/advanced undergraduate textbook

**Physics : Statistical Physics and Dynamical Systems**

Skačej, Gregor, Ziherl, Primož, University of Ljubljana, Ljubljana, Slovenia

# Solved Problems in Thermodynamics and Statistical Physics

- Offers a carefully selected set of modern and concrete problems in thermodynamics and statistical physics
- Illustrates the underlying concept while placing emphasis on the technical aspects of calculations
- Enriched with many diagrams and illustrations
- Contains many cross-references that link the related statistical-mechanical and thermodynamic problems

This book contains a modern selection of about 200 solved problems and examples arranged in a didactic way for hands-on experience with course work in a standard advanced undergraduate/first-year graduate class in thermodynamics and statistical physics. The principles of thermodynamics and equilibrium statistical physics are few and simple, but their application often proves more involved than it may seem at first sight. This book is a comprehensive complement to any textbook in the field, emphasizing the analogies between the different systems, and paves the way for an in-depth study of solid state physics, soft matter physics, and field theory.

**Order online at [springer.com/booksellers](https://www.springer.com/booksellers)****Springer Nature Customer Service Center LLC**

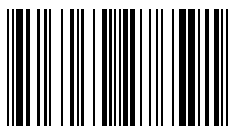
233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

[customerservice@springernature.com](mailto:customerservice@springernature.com)

ISBN 978-3-030-27659-1 / BIC: PHS / SPRINGER NATURE: SCP19090

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**