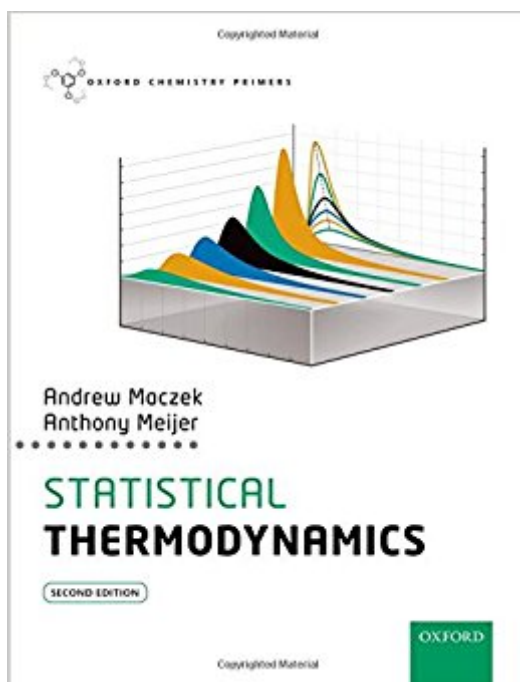


The book was found

Statistical Thermodynamics (Oxford Chemistry Primers)



Synopsis

The renowned Oxford Chemistry Primers series, which provides focused introductions to a range of important topics in chemistry, has been refreshed and updated to suit the needs of today's students, lecturers, and postgraduate researchers. The rigorous, yet accessible, treatment of each subject area is ideal for those wanting a primer in a given topic to prepare them for more advanced study or research. The learning features provided, including end-of-book problems and online multiple-choice questions, encourage active learning and promote understanding. Furthermore, frequent diagrams and marginal notes help to enhance students' understanding of these essential areas of chemistry. Statistical Thermodynamics gives a concise and accessible account of this fundamental topic by emphasizing the underlying physical chemistry, and using this to introduce the mathematics in an approachable way. The material is presented in short, self-contained sections, making it flexible to teach and learn from, and concludes with the application of the theory to real systems. The Online Resource Center to accompany Statistical Thermodynamics features:

For Instructors:

- *Figures from the book available to download

For students:

- *Worked solutions to the questions and problems at the end of the book
- *Multiple-choice questions for self-directed learning

Book Information

Series: Oxford Chemistry Primers

Paperback: 128 pages

Publisher: Oxford University Press; 2 edition (August 1, 2017)

Language: English

ISBN-10: 0198777485

ISBN-13: 978-0198777489

Product Dimensions: 9.5 x 0.4 x 7.4 inches

Shipping Weight: 8.5 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #990,647 in Books (See Top 100 in Books) #141 in [Books > Science & Math > Physics > Molecular Physics](#) #684 in [Books > Science & Math > Physics > Mechanics](#) #688 in [Books > Science & Math > Physics > Mathematical Physics](#)

Customer Reviews

The approachability of the text and the angle adopted by the authors makes the book a useful reference for my course. * Dr Mark Miller, Durham University *

Andrew Maczek was Senior Lecturer in Physical Chemistry at the University of Sheffield, where his research focused on the thermophysical behaviour of fluids. He obtained his first degree in Chemistry at the University of Oxford, where he stayed on to obtain his DPhil in Inorganic Chemistry with Courtney Philips. During a postdoctoral period at the University of Leeds he came under the influence of Peter Gray and happily converted to become a physical chemist. The first edition of this Primer was written during the years while he was actively engaged in academic pursuits at Sheffield. Anthony Meijer is a reader in Theoretical Chemistry at the University of Sheffield, where he and his research group work on the theoretical study of chemical reactions using both electronic structure and quantum dynamics methods for a wide variety of systems from the formation of molecules in the interstellar medium to the vibrational control of electronically excited states. He obtained an MSc in Chemistry from the University of Utrecht before obtaining a PhD with Ad van der Avoird at the University of Nijmegen. He has been at Sheffield for the past 13 years.

[Download to continue reading...](#)

Statistical Thermodynamics (Oxford Chemistry Primers) Thermodynamics of Chemical Processes (Oxford Chemistry Primers) Thermodynamics, Statistical Thermodynamics, & Kinetics (3rd Edition) Thermodynamics, Kinetic Theory, and Statistical Thermodynamics (3rd Edition) Foundations of Organic Chemistry (Oxford Chemistry Primers) NMR Spectroscopy in Inorganic Chemistry (Oxford Chemistry Primers) Supramolecular Chemistry (Oxford Chemistry Primers) d-Block Chemistry (Oxford Chemistry Primers) Biocoordination Chemistry (Oxford Chemistry Primers) Coordination Chemistry of Macrocyclic Compounds (Oxford Chemistry Primers) Applied Organometallic Chemistry and Catalysis (Oxford Chemistry Primers) Radical Chemistry: The Fundamentals (Oxford Chemistry Primers) Protecting Group Chemistry (Oxford Chemistry Primers) Thermal Physics: An Introduction to Thermodynamics, Statistical Mechanics, and Kinetic Theory (Oxford Science Publications) Molecular Driving Forces: Statistical Thermodynamics in Biology, Chemistry, Physics, and Nanoscience, 2nd Edition Molecular Driving Forces: Statistical Thermodynamics in Chemistry & Biology Molecular Driving Forces: Statistical Thermodynamics in Biology, Chemistry, Physics, and Nanoscience, Second Edition Molecular Driving Forces: Statistical Thermodynamics in Biology, Chemistry, Physics, and Nanoscience, 2nd Edition 2nd edition by Ken A. Dill, Sarina Bromberg (2010) Paperback Nuclear Magnetic Resonance (Oxford Chemistry Primers) NMR: THE TOOLKIT: How Pulse Sequences Work (Oxford Chemistry Primers)

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help