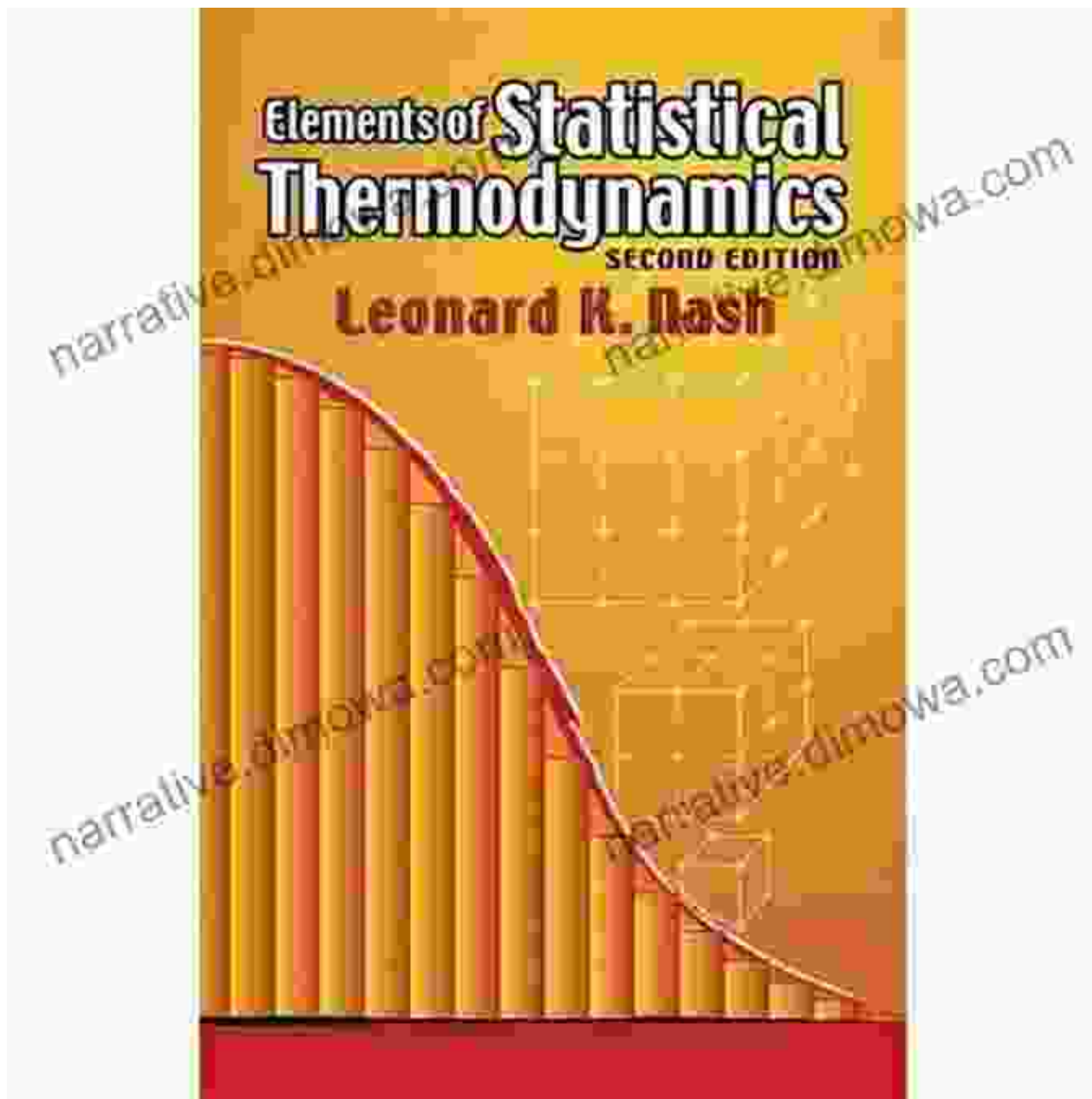
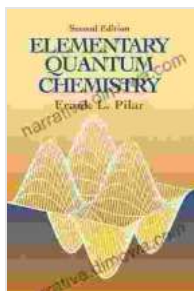


Second Edition Dover On Chemistry: A Comprehensive Guide to the World of Matter

Delve into the Enigmatic Realm of Chemistry



Diffusion Phenomena: Cases and Studies: Second Edition (Dover Books on Chemistry) by Andrew Nikiforuk



★★★★☆ 4.8 out of 5

Language : English
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Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
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Lending : Enabled
X-Ray for textbooks : Enabled



Unveil the secrets of chemistry with the highly anticipated Second Edition of Dover On Chemistry. This authoritative tome delves into the fundamental principles and cutting-edge advancements of this captivating field, providing an in-depth exploration of matter and its transformations.

Written by renowned chemistry professors, this comprehensive resource covers a vast range of topics, from the subatomic level of quantum mechanics to the macroscopic realm of thermodynamics. Through meticulous explanations and insightful examples, the book illuminates the intricate workings of the molecular world, unraveling the mysteries of chemical reactions, bonding, and structure.

Key Features:

- **Updated and Expanded Content:** Incorporating the latest research and discoveries, this second edition has been thoroughly updated and expanded to provide the most up-to-date information on chemistry.
- **Quantum Mechanics for Chemists:** Dive into the enigmatic world of quantum mechanics, a fundamental pillar of modern chemistry.

Understand the wave-particle duality of matter and the probabilistic interpretation of atomic behavior.

- **Thermodynamics and Chemical Equilibria:** Explore the principles of thermodynamics, including entropy, free energy, and chemical equilibria. Delve into the driving forces behind chemical reactions and the factors that determine their spontaneity.
- **Molecular Structure and Bonding:** Gain a comprehensive understanding of molecular structure and bonding theories. Learn about hybridization, orbital interactions, and the VSEPR model, enabling you to predict the shapes and properties of molecules.
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Target Audience:

This Second Edition of *Dover On Chemistry* is an indispensable resource for:

- Students of chemistry at all levels, from undergraduate to graduate
- Chemistry professionals seeking to enhance their knowledge and stay abreast of advancements
- Researchers in chemistry and related fields
- Science enthusiasts with a passion for unraveling the mysteries of the molecular world

About the Authors:

The Second Edition of *Dover On Chemistry* was meticulously crafted by a team of distinguished chemistry professors:

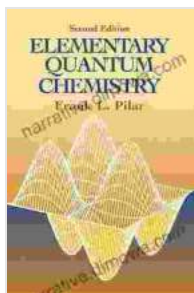
- **J. David Lee:** Distinguished Professor Emeritus at the University of Florida, known for his groundbreaking research in physical chemistry and spectroscopy.
- **Michael M. Jones:** Professor at Georgia State University, renowned for his expertise in organic and inorganic chemistry.
- **H. Donald Payne:** Professor Emeritus at the University of Missouri, recognized for his seminal work in environmental chemistry and analytical chemistry.

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The Second Edition of *Dover On Chemistry* stands as an unparalleled guide to the intricacies of chemistry. Its comprehensive coverage, updated content, and approachable writing style make it an essential resource for anyone seeking a deeper understanding of this fascinating field. Whether you're a budding chemist, a seasoned professional, or simply curious about

the world of matter, this book will ignite your passion and empower you to delve into the enigmatic realm of chemistry.

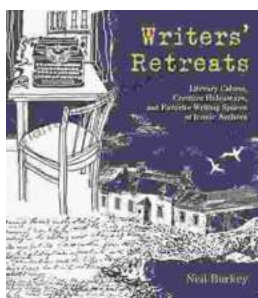
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