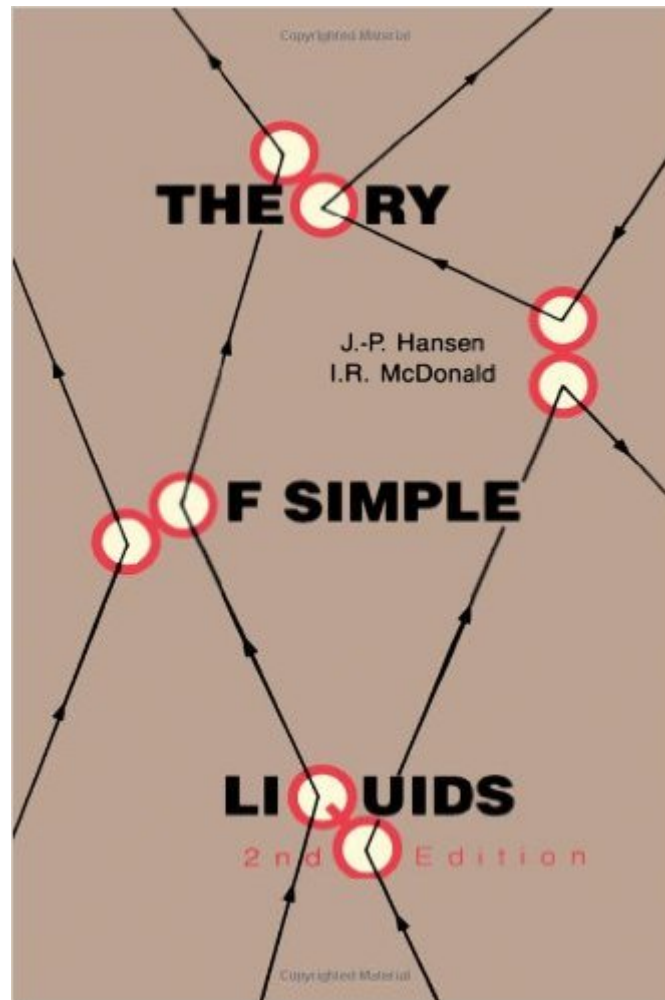


The book was found

Theory Of Simple Liquids



Synopsis

The third edition of Theory of Simple Liquids is an updated, advanced, but self-contained introduction to the principles of liquid-state theory. It presents the modern, molecular theory of the structural, thermodynamic interfacial and dynamical properties of the liquid phase of materials constituted of atoms, small molecules or ions. This book leans on concepts and methods from classical Statistical Mechanics in which theoretical predictions are systematically compared with experimental data and results from numerical simulations. The overall layout of the book is similar to that of the previous two editions however, there are considerable changes in emphasis and several key additions including:

- up-to-date presentation of modern theories of liquid-vapour coexistence and criticality
- areas of considerable present and future interest such as super-cooled liquids and the glass transition
- the area of liquid metals, which has grown into a mature subject area, now presented as part of the chapter on ionic liquids
- Provides cutting-edge research in the principles of liquid-state theory
- Includes frequent comparisons of theoretical predictions with experimental and simulation data
- Suitable for researchers and post-graduates in the field of condensed matter science (Physics, Chemistry, Material Science), biophysics as well as those in the oil industry

--This text refers to an out of print or unavailable edition of this title.

Book Information

Hardcover: 556 pages

Publisher: Academic Press; 2 Sub edition (January 1987)

Language: English

ISBN-10: 012323851X

ISBN-13: 978-0123238511

Product Dimensions: 1.2 x 6.5 x 9.5 inches

Shipping Weight: 2 pounds

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #5,118,135 in Books (See Top 100 in Books) #75 in [Books > Science & Math](#)

[> Chemistry > Chemical Physics](#) #11358 in [Books > Science & Math > Chemistry > General &](#)

[Reference](#) #13252 in [Books > Textbooks > Science & Mathematics > Physics](#)

Customer Reviews

The book is very useful, but the Kindle Edition I bought is problematic, because the equations are small and will not rescale or zoom, either on my Windows PC version of Kindle software, or on my Android Kindle software. A friend who got the book in PDF format of course does not have this

problem.

good job

This is a classic book on the theory of simple liquids. It covers brilliantly both the statics and dynamics of the liquid state. A must have book for those who are serious to learn this challenging subject.

This book contains everything of the classical statistical mechanics for liquids.

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

Theory of Simple Liquids: with Applications to Soft Matter Theory of Simple Liquids Natural Gas Liquids: A Nontechnical Guide An Introduction to Ionic Liquids: RSC Quantum Liquids: Bose Condensation and Cooper Pairing in Condensed-Matter Systems (Oxford Graduate Texts) Thai Cooking: Easy Thai Recipes for Beginners - Simple Asian Recipes for Starters (Thai Food for Dummies - Simple Thai Dishes at Home Book 1) Breakfast Meals Made Simple Cookbooks: 100 Sensation Breakfast Recipes - Healthy food (Breakfast, Meals Made Simple, Breakfast cookbooks, Breakfast recipes, Breakfast ... : 100 Sensation Breakfast Recipes) Concrete Countertops Made Simple: A Step-By-Step Guide (Made Simple (Taunton Press)) 10 Simple Solutions to Adult ADD: How to Overcome Chronic Distraction and Accomplish Your Goals (The New Harbinger Ten Simple Solutions Series) A Simple Guide to Lice, Treatment and Related Diseases (A Simple Guide to Medical Conditions) Geodetic Datums Made Simple: Step by Step Guide (Surveying Mathematics Made Simple Book 19) Geodetic Datums Made Simple: Step by Step Guide (Surveying Mathematics Made Simple) (Volume 19) A Simple Guide to Alternative Therapy (A Simple Guide to Medical Conditions) A Simple Guide to Leukemia, Diagnosis and Treatment (A Simple Guide to Medical Conditions) 10 Simple Solutions to Migraines: Recognize Triggers, Control Symptoms, and Reclaim Your Life (The New Harbinger Ten Simple Solutions Series) A Simple Guide To Emphysema, Diagnosis, Treatment And Related Diseases (A Simple Guide to Medical Conditions) A Simple Guide to Osteoporosis, Treatment and Related Diseases (A Simple Guide to Medical Conditions) Planificaci3n y programaci3n de la mantenci3n hecha simple: Gu3a simple y pr3ctica para planificar y programar la mantenci3n de equipos y plantas industriales (Spanish Edition) A Simple Guide To Bruxism (Teeth Grinding), Diagnosis, Treatment And Related Disorders (A Simple Guide to Medical Conditions) A Simple Guide To Myeloproliferative Disorders, Diagnosis, Treatment And Related Diseases (A Simple

Guide to Medical Conditions)

[Dmca](#)