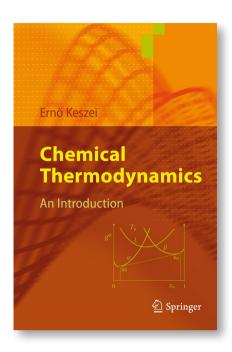


springer.com



2012, XI, 354 p. 77 illus., 6 illus. in color.



Softcover

- ► 49,95 € | £44.99 | \$59.95
- *53,45 € (D) | 54,95 € (A) | CHF 72.00



Available from your library or

springer.com/shop



Printed eBook for just

- ▶ € | \$ 24.99
- springer.com/mycopy

E. Keszei

Chemical Thermodynamics

An Introduction

- ► Eminently suitable as a required textbook comprising complete material for or an undergraduate chemistry major course in chemical thermodynamics
- ► Clearly explains details of formal derivations that students can easily follow and so master applied mathematical operations
- ► Offers problems and solutions at the end of each chapter for self-test and self- or group study

This course-derived undergraduate textbook provides a concise explanation of the key concepts and calculations of chemical thermodynamics. Instead of the usual 'classical' introduction, this text adopts a straightforward postulatory approach that introduces thermodynamic potentials such as entropy and energy more directly and transparently.

Structured around several features to assist students' understanding, Chemical Thermodynamics:

- Develops applications and methods for the ready treatment of equilibria on a sound quantitative basis.
- Requires minimal background in calculus to understand the text and presents formal derivations to the student in a detailed but understandable way.
- Offers end-of-chapter problems (and answers) for self-testing and review and reinforcement, of use for self- or group study.

This book is suitable as essential reading for courses in a bachelor and master chemistry program and is also valuable as a reference or textbook for students of physics, biochemistry and materials science.



Order online at springer.com ► or for the Americas call (toll free) 1-800-SPRINGER ► or email us at: customerservice@springer.com. ► For outside the Americas call +49 (0) 6221-345-4301 ► or email us at: customerservice@springer.com.

The first \in price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with * include VAT for books; the \in (D) includes 7% for Germany, the \in (A) includes 10% for Austria. Prices indicated with ** include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.