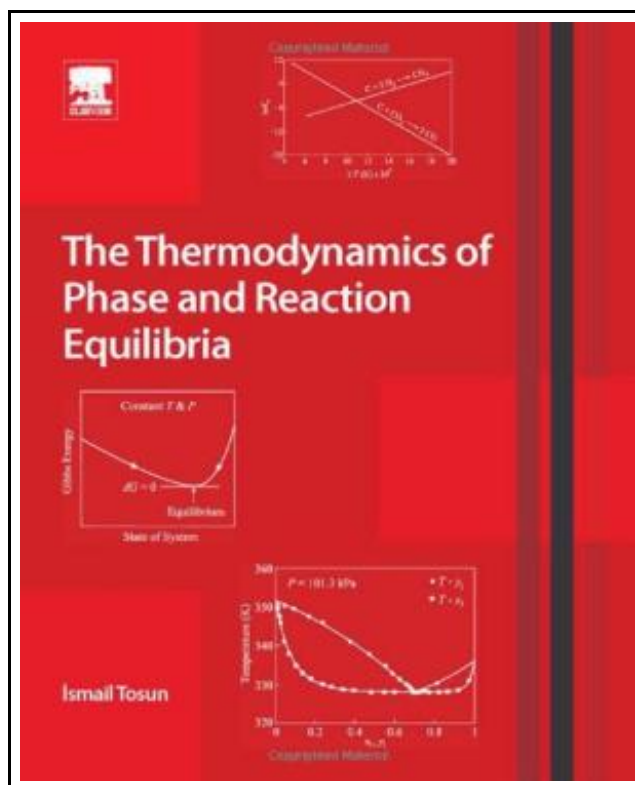


The Thermodynamics of Phase and Reaction Equilibria



Filesize: 8.76 MB

Reviews

It is really an incredible publication which i have possibly read. It is amongst the most incredible publication i actually have read through. I found out this pdf from my i and dad recommended this publication to discover.

(Abigale Ruecker)

THE THERMODYNAMICS OF PHASE AND REACTION EQUILIBRIA



Book Condition: New. Publisher/Verlag: Elsevier Books | This book provides a sound foundation for understanding abstract concepts of phase and reaction equilibria (e.g. partial molar Gibbs energy, fugacity, and activity), and shows how to apply these concepts to solve practical problems using numerous clear examples. It also presents numerical methods necessary for solving real-world problems as well the basic mathematics needed, facilitating its use as a self-study reference work. In the example problems requiring MATHCAD[®] for the solution, the results of the intermediate steps are given, enabling the reader to easily track mistakes and understand the order of magnitude of the various quantities involved. Clear layout, coherent and logical organization of the content, and presentation suitable for self-study Provides analytical equations in dimensionless form for the calculation of changes in internal energy, enthalpy, and entropy as well as departure functions and fugacity coefficients Includes up-to-date information, comprehensive in-depth content and current examples in each chapter Includes many well organized problems (with answers), which are extensions of the examples enabling conceptual understanding for quantitative/real problem solving Includes the mathematical background required for solving problems encountered in phase and reaction equilibria Provides an instructor's solutions manual | 1. Review of the First and Second Laws of Thermodynamics 2. Thermodynamic Properties of Real Substances 3. Calculation of Changes in Internal Energy, Enthalpy, and Entropy 4. Equilibrium and Phase Stability in One-Component Systems 5. Fugacity of a Pure Component 6. Thermodynamics of Mixtures 7. Fugacity of a Component in a Mixture 8. Excess Mixture Properties and Activity Coefficients 9. Vapor-Liquid Equilibrium 10. Solubility of Gases in Liquids 11. Liquid-Liquid Equilibrium 12. Phase Equilibria Involving Dissolved Solids in Liquids 13. Chemical Reaction Equilibrium 14. Heterogeneous Reactions and Multireaction Equilibria | Format: Hardback | Language/Sprache: english | 1650 gr | 244x198x37 mm | 744 pp.



Read The Thermodynamics of Phase and Reaction Equilibria Online



Download PDF The Thermodynamics of Phase and Reaction Equilibria

You May Also Like



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Save eBook »](#)



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Save eBook »](#)



Twitter Marketing Workbook: How to Market Your Business on Twitter

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. Workbook. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Twitter Marketing Workbook 2016 Learn how to market your...

[Save eBook »](#)



It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating...

[Save eBook »](#)



Genuine] teachers in self-cultivation Books --- the pursue the education of Wutuobangbao into in J57(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-05-01 Pages: 212 Publisher: Jilin Publishing Title: teachers' self-cultivation Books ---...

[Save eBook »](#)

**Good Tempered Food: Recipes to love, leave and linger over**

Clearview. Paperback. Book Condition: new. BRAND NEW, Good Tempered Food: Recipes to love, leave and linger over, Tamasin Day-Lewis, Slow-cooked food and what the author likes to call 'good tempered food', is what proper cooking

[Download Book »](#)

**The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up**

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in. Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we

[Download Book »](#)

**Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 205 x 74 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Download Book »](#)

**Electronic Dreams: How 1980s Britain Learned to Love the Computer**

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 170 x 135 mm. Language: English . Brand New. Remember the ZX Spectrum? Ever have a go at programming with its stretchy rubber

[Download Book »](#)

**Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer**

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on

[Download Book »](#)