

# Thermodynamics for Chemists, Physicists and Engineers

Filesize: 6.91 MB

# Reviews

*This publication is fantastic. It is one of the most amazing publication i have got study. I am just pleased to explain how this is actually the best pdf i have got read through in my individual lifestyle and could be he finest publication for possibly. (Mr. Kristoffer Hills)* 

# THERMODYNAMICS FOR CHEMISTS, PHYSICISTS AND ENGINEERS



Springer. Hardcover. Condition: New. 344 pages. Dimensions: 9.2in. x 6.3in. x 1.0in.Thermodynamics is an essential part of chemical physics and is of fundamental importance in physics, chemistry and engineering courses. This textbook takes an interdisciplinary approach to the subject and is therefore suitable for undergraduates in all those courses. The book is an introduction to phenomenological thermodynamics and its applications to phase transitions and chemical reactions, with some references to statistical mechanics. It strikes the balance between the rigorousness of the Callen text and phenomenological approach of the Atkins text. The book is divided in three parts. The first introduces the postulates and laws of thermodynamics and complements these initial explanations with practical examples. The second part is devoted to applications of thermodynamics to phase transitions in pure substances and mixtures. The third part covers thermodynamic systems in which chemical reactionstake place. There are some sections on more advanced topics such as thermodynamic potentials, natural variables, non-ideal mixtures and electrochemical reactions, which make this book of suitable also to post-graduate students. Robert Hoyst (1963) is a professor at the Institute of Physical Chemistry Polish Academy of Sciences. He specializes in statistical physics, physical chemistry, biologistics and soft matter physics. He has published 182 papers and 2 books. He presented his works at multiple universitiesinstitutes, e. g. Harvard, MIT, University of Chicago, ESPCI-Paris, ENS-Paris, several Max Planck Institutes, University of Tokyo, Oxford and Cambridge. He has over 17 years experience in teaching thermodynamics for undergraduate students. Andrzej Poniewierski (1951), professor at the Institute of Physical Chemistry Polish Academy of Sciences; published 53 papers and two books, specializes in soft matter and statistical physics, liquid crystals and applications of density functional theory to complex fluids. He has also taught thermodynamics for undergraduate students for several years. This item ships from multiple locations....

Read Thermodynamics for Chemists, Physicists and Engineers Online

Download PDF Thermodynamics for Chemists, Physicists and Engineers

# **Related Books**

=	

#### Silverlight 5 in Action

Manning Publications. Paperback. Book Condition: New. Paperback. 1000 pages. Dimensions: 9.2in. x 7.3in. x 2.0in.Summary A thorough revision of the bestselling Silverlight 4 in Action. This comprehensive guide teaches Silverlight from the ground up, covering... Save ePub

Save en

#### The Poems and Prose of Ernest Dowson

Book Jungle. Paperback. Book Condition: New. Paperback. 200 pages. Dimensions: 9.2in. x 7.5in. x 0.5in.The Poems and Prose of Ernest Dowson The Project Gutenberg EBook of The Poems And Prose Of Ernest Dowson by Ernest... Save ePub

=
_

#### Scala in Depth

»

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in.Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By... Save ePub

_	

### Shepherds Hey, Bfms 16: Study Score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 22 pages. Dimensions: 9.4in. x 7.1in. x 0.0in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English... Save ePub

_	
_	

## 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... Save ePub

»

The Pickthorn Chronicles CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 112 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.Pickthorn has selected some great stories as a sequel to his first book, Save Document »
Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.We all have dreams of what we want to do and who we want to become. Many of us eventually decide Save Document »
Fox at School: Level 3 Penguin Young Readers Group, United States, 1993. Paperback. Book Condition: New. James Marshall (illustrator). Reissue. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched Save Document »
Design Collection Creative Cloud Revealed Update (Mixed media product) Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. 239 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access to Adobe Save Document »
Harts Desire Book 2.5 La Fleur de Love Cajunflair Publishing. Paperback. Book Condition: New. Paperback. 112 pages. Dimensions: 8.0in. x 5.0in. x 0.3in.Its late 1974, and high school student, Melinda Dawson is in serious trouble. Within two hours of revealing her suspected pregnancy Save Document »