



Advances in Molten Salt Chemistry: Volume 2 (Paperback)

By J. Braunstein, Gleb Mamantov, G. P. Smith

Springer-Verlag New York Inc., United States, 2013. Paperback. Book Condition: New. 1973 ed., 235 x 155 mm. Language: English . Brand New Book ***** Print on Demand ****. The first chapter of this volume deals with computer simulation of molten salt behavior by molecular dynamics calculations. The next four chapters are reviews of experimental work: Chapter 2 deals with the solubility of nonre-active gases in molten salts, Chapter 3 with various types of organic reactions in molten tetrachloroaluminates, Chapter 4 with techniques for the study of molten fluorides, and Chapter 5 with the physical and chemical properties of thiocyanate melts. The last chapter is a collection of phase diagrams for binary and ternary fluoride systems. J. B., G. M., G. P. S. v CONTENTS Chapter 1 MOLECULAR DYNAMICS CALCULATIONS ON MOLTEN IONIC SALTS L. V. Woodcock 1. Introduction. . 4 2. Intermolecular Forces in Molten Salts 4 2.1. True and Effective Pair Potentials 2.2. Semiempirical Models 6 3. Computational Techniques 13 3.1. Molecular Dynamics Simulation 13 3.2. The Monte Carlo Method 15 3.3. Electrostatic Summations . . 18 4. Calculation of Physical Properties 23 4.1. Equilibrium Properties . 23 4.2. Transport Coefficients 27 4.3. Spectroscopic Properties 32 5. Applications.35 5.1....



Reviews

A top quality publication along with the font used was intriguing to read. I really could comprehended everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.

-- Cathrine Larkin Sr.

Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book.

-- Mark Bernier

See Also



Fox All Week: Level 3 (Paperback)

Penguin Putnam Inc, United States, 2004. Paperback. Book Condition: New. James Marshall (illustrator). Puffin Easy-To-Read ed.. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by...



The Birds Christmas Carol (Paperback)

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****. Kate Douglas Wiggin was an American children's author and educator. She started the first free kindergarten in San...



Violin Concerto, Op.82: Study Score (Paperback)

Petrucci Library Press, United States, 2014. Paperback. Book Condition: New. Urtext ed.. 274 x 213 mm. Language: English . Brand New Book ***** Print on Demand *****. Premiered by the renowned violinist Leopold Auer in St. Petersburg in February of 1905, Glazunov s...



Public Opinion + Conducting Empirical Analysis

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English . Brand New Book. Public Opinion : One of the central tenets of a democracy is that we expect the public to have some...



Mother Stories (Paperback)

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noblelves (illustrator). 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand ******. I have endeavored to write, for mothers and dear little children, a few simple stories, embodying...



Mother Carey s Chickens (Paperback)

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****. Kate Douglas Wiggin was an American children's author and educator. She started the first free kindergarten in San...