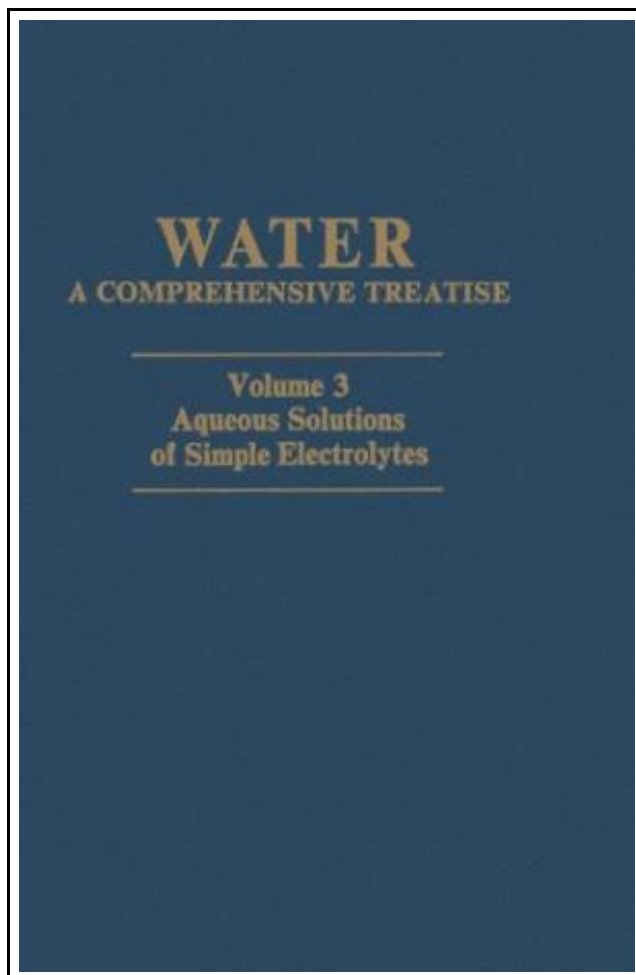


Aqueous Solutions of Simple Electrolytes



Filesize: 9.47 MB

Reviews

A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.
(Meagan Roob)

AQUEOUS SOLUTIONS OF SIMPLE ELECTROLYTES

DOWNLOAD



To download **Aqueous Solutions of Simple Electrolytes** eBook, you should click the link under and download the ebook or get access to other information which might be related to AQUEOUS SOLUTIONS OF SIMPLE ELECTROLYTES ebook.

Book Condition: New. Publisher/Verlag: Springer, Berlin | The chapters making up this volume had originally been planned to form part of a single volume covering solid hydrates and aqueous solutions of simple molecules and ions. However, during the preparation of the manuscript it became apparent that such a volume would turn out to be very unwieldy and I reluctantly decided to recommend the publication of separate volumes. The most sensible way of dividing the subject matter seemed to lie in the separation of simple ionic solutions. The emphasis in the present volume is placed on ion-solvent effects, since a number of excellent texts cover the more general aspects of electrolyte solutions, based on the classical theories of Debye, Huckel, Onsager, and Fuoss. It is interesting to speculate as to when a theory becomes "classical." Perhaps this occurs when it has become well known, well liked, and much adapted. The above-mentioned theories of ionic equilibria and transport certainly fulfill these criteria. There comes a time when the refinements and modifications can no longer be related to physical significance and can no longer hide the fact that certain fundamental assumptions made in the development of the theory are untenable, especially in the light of information obtained from the application of sophisticated molecular and thermodynamic techniques. | 1 Thermodynamics of Ion Hydration.- 1. The Thermodynamic Theory of Solvation.- 1.1. General Remarks.- 1.2. Resolution of Data into Solvation and Excess Properties.- 1.3. Standard States.- 1.4. Reference Solvents.- 1.5. Pair Interaction Coefficients.- 1.6. Temperature and Pressure.- 1.7. Single-Ion Properties.- 2. Molecular Interpretation.- 2.1. Introduction.- 2.2. The Born Model.- 2.3. The Debye-Pauling Model.- 2.4. Hamiltonian Models.- 2.5. A Chemical Model.- 3. Hydration of Gaseous Ions.- 3.1. Free Energies, Enthalpies, and Entropies of Hydration.- 3.2. Equations for Entropies of Aqueous Ions.- 3.3. The Chemical...



Read Aqueous Solutions of Simple Electrolytes Online



Download PDF Aqueous Solutions of Simple Electrolytes

You May Also Like



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Click the hyperlink listed below to download "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" document.

[Save Document »](#)



[PDF] Would It Kill You to Stop Doing That?

Click the hyperlink listed below to download "Would It Kill You to Stop Doing That?" document.

[Save Document »](#)



[PDF] You Are Not I: A Portrait of Paul Bowles

Click the hyperlink listed below to download "You Are Not I: A Portrait of Paul Bowles" document.

[Save Document »](#)



[PDF] The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3 (Paperback)

Click the hyperlink listed below to download "The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3 (Paperback)" document.

[Save Document »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Click the hyperlink listed below to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" document.

[Save Document »](#)



[PDF] Southern Educational Review Volume 3 (Paperback)

Click the hyperlink listed below to download "Southern Educational Review Volume 3 (Paperback)" document.

[Save Document »](#)