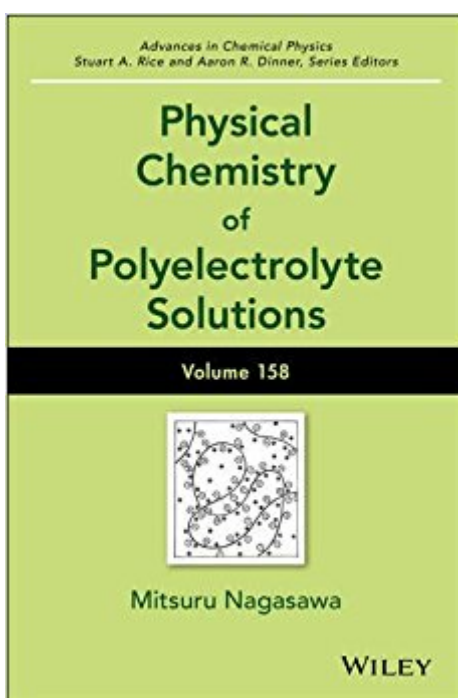


The book was found

Physical Chemistry Of Polyelectrolyte Solutions (Advances In Chemical Physics)



Synopsis

The Advances in Chemical Physics series provides the chemical physics field with a forum for critical, authoritative evaluations of advances in every area of the discipline. This volume explores topics from Thermodynamic Properties of Polyelectrolyte Solutions to ion-binding of polyelectrolytes. The book features: The only series of volumes available that presents the cutting edge of research in chemical physics Contributions from experts in this field of research Representative cross-section of research that questions established thinking on chemical solutions An editorial framework that makes the book an excellent supplement to an advanced graduate class in physical chemistry or chemical physics

Book Information

Series: Advances in Chemical Physics (Book 331)

Hardcover: 304 pages

Publisher: Wiley; 1 edition (November 2, 2015)

Language: English

ISBN-10: 1119057086

ISBN-13: 978-1119057086

Product Dimensions: 6.3 x 1 x 9.3 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,677,701 in Books (See Top 100 in Books) #77 in [Books > Science & Math > Chemistry > Chemical Physics](#) #312 in [Books > Science & Math > Chemistry > Molecular Chemistry](#) #840 in [Books > Science & Math > Physics > Molecular Physics](#)

Customer Reviews

Examines the intersection of polyelectrolyte solutions and chemical physics The Advances in Chemical Physics series is dedicated to reviewing new and emerging topics as well as the latest developments in traditional areas of study in the field of chemical physics. Each volume features detailed comprehensive analyses coupled with individual points of view that integrate the many disciplines of science that are needed for a full understanding of chemical physics. Volume 158 explores the latest research findings, applications, and new research paths in the field of polyelectrolyte solutions. It introduces topics from thermodynamic properties to the ionic binding of polyelectrolytes, and intersects key elements with applications of chemical physics. With contributions from an international team of leading experts, Volume 158 offers six comprehensive

reviews including: Introduction to the strengths and chemistry of polyelectrolyte solutions
Thermodynamic Properties of Polyelectrolyte Solutions
Ionization Equilibrium and Potentiometric Titration of Weak Polyelectrolytes
Molecular Conformation of Linear Polyelectrolytes
Radius of Gyration and Intrinsic Viscosity of Linear Polyelectrolytes
Transport Phenomena of Linear Polyelectrolytes

Reviews published in *Advances in Chemical Physics* are typically longer than those published in journals, providing the space needed for readers to fully grasp the topic: the fundamentals as well as the latest discoveries, applications, and emerging avenues of research. Extensive cross-referencing enables readers to explore the primary research studies underlying each topic.

MITSURU NAGASAWA, PhD, is Professor Emeritus of Nagoya University, Japan. He has served as Honorary President of the Toyota Technological Institute since 2010. His accolades include the Japan Academy Award (1977). STUART A. RICE, PhD, received his master's degree and doctorate from Harvard University and was a junior fellow at Harvard for two years before joining the faculty of The University of Chicago in 1957, where he is currently the Frank P. Hixon Distinguished Service Professor Emeritus. AARON R. DINNER, PhD, received his bachelor's degree and doctorate from Harvard University, after which he conducted postdoctoral research at the University of Oxford and the University of California, Berkeley. He joined the faculty at The University of Chicago in 2003.

[Download to continue reading...](#)

Physical Chemistry of Polyelectrolyte Solutions (*Advances in Chemical Physics*) Recent Advances in the Theory of Chemical and Physical Systems: Proceedings of the 9th European Workshop on Quantum Systems in Chemistry and Physics ... in *Theoretical Chemistry and Physics*) *Advances in Chemical Physics*, Volume 15: Stochastic Processes in Chemical Physics (v. 15) *Ab Initio Methods in Quantum Chemistry*, Part 1 (*Advances in Chemical Physics*) *AB INITIO Methods in Quantum Chemistry 2* (*Advances in Chemical Physics*) (Vol 67) *Problems and Solutions to Accompany Physical Chemistry for the Chemical Sciences* By David R. Lide - *CRC Handbook of Chemistry and Physics: A Ready-Reference Book of Chemical and Physical Data: 79th (ninth) Edition* The interaction of gases with solid surfaces, (*The International encyclopedia of physical chemistry and chemical physics. Topic 14: Properties of interfaces*) *Handbook of Chemistry and Physics, a Ready Reference Book of Chemical and Physical Data, Forty-fourth Edition* *Elements of the Kinetic Theory of Gases* (*The International Encyclopedia of Physical Chemistry and Chemical Physics*)

Transuranium Elements: Products of Modern Alchemy (Benchmark papers in physical chemistry and chemical physics ; v. 1) Introduction to magnetic resonance with applications to chemistry and chemical physics (Harper's chemistry series) Problems and Solutions in Quantum Chemistry and Physics (Dover Books on Chemistry) Physical Chemistry Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Advances In Chemical Physics Volume 33 (v. 33) For Ilya Prigogine (Advances in Chemical Physics, Vol. 38) Electron Transfer: From Isolated Molecules to Biomolecules, Part 2 (Advances in Chemical Physics) Advances In Chemical Physics Volume 17 (v. 17) Advances in Chemical Physics: Modern Nonlinear Optics, Volume 119, Part 2, 2nd Edition Advances in Chemical Physics: Modern Nonlinear Optics, Volume 119, Part 1, 2nd Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)