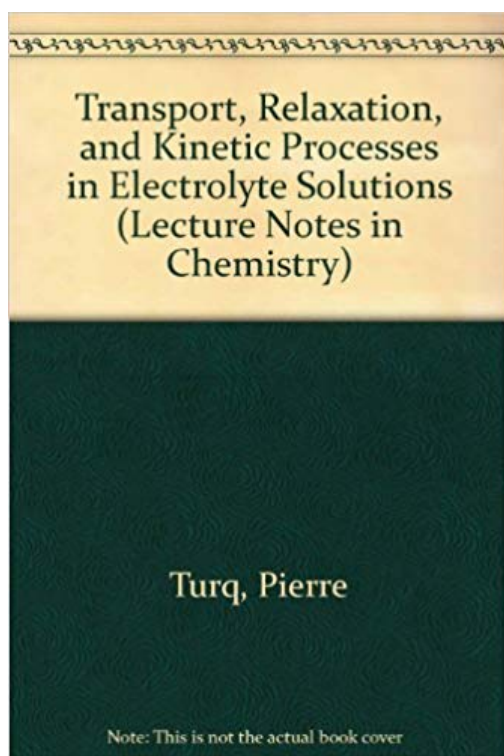


## Transport, Relaxation, and Kinetic Processes in Electrolyte Solutions (Lecture Notes in Chemistry) by Pierre Turq



### DOWNLOAD LINKS (Clickable)



**ISBN:** 038755002X

**ISBN13:** 978-0387550022

**Author:** Pierre Turq

**Book title:** Transport, Relaxation, and Kinetic Processes in Electrolyte Solutions (Lecture Notes in Chemistry)

**Pages:** 206

**Publisher:** Springer Verlag (February 1, 1992)

**Language:** English

**Category:** Chemistry

**Size PDF version:** 1996 kb

**Size ePUB version:** 1751 kb

**Size FB2 version:** 1889 kb

**Other formats:** lrf lrf lrf lrf

The subject of this book is the treatment of transport phenomena in electrolyte solutions and their natural coupling with ionic reactions. The topic is treated at the level of lectures for 3rd year undergraduate students in physical chemistry. The knowledge in statistical mechanics, hydrodynamics and electrodynamics needed for the understanding of the book as well as the necessary mathematical techniques are introduced in a simple and concise way. Treatment of coupled transport and kinetic processes is introduced with normal modes analysis yielding a clear separation of relaxation and propagative modes. The book is conceived at the level of one-particle hydrodynamic continuity equations. Extension beyond the level of ideal multicomponent systems are given at the level of chemical model (CM) and mean spherical approximation (MSA) calculations.



## **Related PDF to Transport, Relaxation, and Kinetic Processes in Electrolyte Solutions (Lecture Notes in Chemistry) by Pierre Turq**

1. [Nonequilibrium Phenomena in Polyatomic Gases: Volume 1: Dilute Gases \(International Series of Monographs on Chemistry\) by Jan J. M. Beenakker, Walter E. Köhler, Ivan Kuscer, Frederick R. W. McCourt](#)
2. [Detection and Analysis \(A-Level Chemistry\) by Eileen Ramsden](#)
3. [Comprehensive Supramolecular Chemistry, Volume 4: Supramolecular Reactivity and Transport: Bioorganic Systems \(Comprehensive Supramolecular Chemistry S\) by Y. Murakami](#)
4. [Electrolyte Solutions: Second Revised Edition \(Dover Books on Chemistry\) by R.H. Stokes, R.A. Robinson](#)
5. [Transport Phenomena: A Unified Approach Vol. 2 by Harry C. Hershey, Robert S. Brodkey](#)
6. [Physics of Nonneutral Plasmas by Ronald C. Davidson](#)
7. [Physical Chemistry with Spartan Student Physical Chemistry Software by Thomas Engel, Philip Reid](#)
8. [Coordination Chemistry of Macrocyclic Compounds \(Oxford Chemistry Primers\) by Edwin C. Constable](#)
9. [Analysis of Transport Phenomena \(Topics in Chemical Engineering\) by William M. Deen](#)
10. [Physical Chemistry by Farrington Daniels, Robert A. Alberty](#)