

1. Record Nr.	UNINA99111148480203321
Autore	Durand-Vidal S
Titolo	Electrolytes at interfaces / / by S. Durand-Vidal, J.-P. Simonin and P. Turq
Pubbl/distr/stampa	Dordrecht ; ; Boston, : Kluwer Academic Publishers, c2000
ISBN	1-280-20500-8 9786610205004 0-306-46940-5
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (359 p.)
Collana	Progress in theoretical chemistry and physics ; ; v. 1
Altri autori (Persone)	SimoninJ.-P TurqPierre
Disciplina	541.3/72
Soggetti	Electrolytes Interfaces (Physical sciences)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Basic Concepts -- Hydrodynamic properties -- Electrostatics -- Van der Waals forces -- Bulk Electrolytes -- The mean spherical approximation (MSA) for the equal size primitive model -- Thermodynamic properties -- Ion association in the MSA -- Thermodynamic excess properties of ionic solutions in the primitive MSA -- Mathematical background -- Specific applications -- Ions at liquid/air and liquid/liquid interfaces -- Solute transfer kinetics at a liquid/liquid interface -- Electrokinetic phenomena -- Description of electrolyte transport using the MSA for simple electrolytes, polyelectrolytes and micelles -- Polyelectrolytes.
Sommario/riassunto	The aim of this book is to provide the reader with a modern presentation of ionic solutions at interfaces, for physical chemists, chemists and theoretically oriented experimentalists in this field. The discussion is mainly on the structural and thermodynamic properties, in relation to presently available statistical mechanical models. Some dynamic properties are also presented, at a more phenomenological level. The initial chapters are devoted to the presentation of some basic concepts for bulk properties: hydrodynamic interactions, electrostatics, van der Waals forces and thermodynamics of ionic solutions in the

framework of a particular model: the mean spherical approximation (MSA). Specific features of interfaces are then discussed: experimental techniques such as in-situ X-ray diffraction, STM and AFM microscopy are described. Ions at liquid/air, liquid/metal and liquid/liquid interfaces are considered from the experimental and theoretical viewpoint. Lastly some dynamic (transport) properties are included, namely the self-diffusion and conductance of small colloids (polyelectrolytes and micelles) and the kinetics of solute transfer at free liquid/liquid interfaces.

2. Record Nr.	UNINA9911149018703321
Titolo	2004
Pubbl/distr/stampa	Washington, D.C., : The World Bank, 2004
ISBN	1-280-08498-7 9786610084982 1-4175-1513-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (416 pages)
Collana	World development indicators
Disciplina	330.9/051
Soggetti	Economic development Economic history - 1990- Economic indicators Social indicators
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based on: 1997.
Nota di contenuto	Intro -- FOREWORD -- ACKNOWLEDGMENTS -- PREFACE -- TABLE OF CONTENTS -- PARTNERS -- USERS GUIDE -- 1 WORLD VIEW -- 2 PEOPLE -- 3 ENVIRONMENT -- 4 ECONOMY -- 5 STATES AND MARKETS -- 6 GLOBAL LINKS -- PRIMARY DATA DOCUMENTATION -- ACRONYMS AND ABBREVIATIONS -- STATISTICAL METHODS -- CREDITS -- BIBLIOGRAPHY -- INDEX OF INDICATORS.
Sommario/riassunto	World Development Indicators, the World Bank's respected statistical publication presents the most current and accurate information on

global development on both a national level and aggregated globally. This information allows readers to monitor the progress made toward meeting the goals endorsed by the United Nations and its member countries, the World Bank, and a host of partner organizations in September 2001 in their Millennium Development Goals. The 400-page print edition of World Development Indicators 2004 allows you to consult over 80 tables and over 800 indicators for 152 economies and 14 country groups, as well as basic indicators for a further 55 economies. There are key indicators for the latest year available, important regional data, and income group analysis. The report contains six thematic presentations of analytical commentary covering: World View, People, Environment, Economy, States and Markets, and Global Links. The CD-ROM editions contain 40 years of time series data for more than 200 countries from 1960-2002, single-year observations, and spreadsheets on many topics. It contains more than 1,000 country tables and the text from the World Development Indicators 2004 print edition and the World Bank Atlas 2003. The Windows based format permits users to search for and retrieve data in spreadsheet form, create maps and charts, and fully download them into other popular software programs for study or presentation purposes.
