



Modern Aspects of Electrochemistry

By J O Bockris, B E Conway

Springer-Verlag New York Inc., United States, 2012. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.The present collection of articles follows the arrangement used in previous volumes. Solutions are discussed first, surfaces and double-layers second, electrode kinetics third, and then the applied subjects. The introduction of spectroscopic methods to electrochemistry is well exemplified by NMR studies of ionic solutions, as represented here in the detailed article by E. von Goldammer. Correspondingly, the spectroscopic approach can be applied to surfaces, and B. G. Baker has written an introduction to this topic for electrochemists from the point of view of gas phase measurements. One of the topics which begins to reach a degree of sophistication in electrode process chemistry is the adsorption of organic species on electrodes, and this topic is described in our volume by the well-known electrochemist M. W. Breiter. The work has much relevance to the corresponding electrode kinetics and oxidation of organic materials. Much less sophisticated is the position in the electrochemistry of sulfide minerals, but it has seemed worthwhile to have the present record described by D. F. A. Koch; his chapter demonstrates the...



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