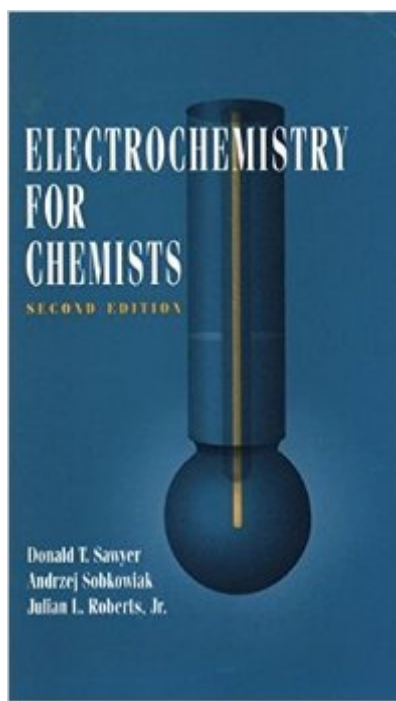# Electrochemistry For Chemists

Synopsis

A complete and practical guide to the basic principles of electrochemistry for the nonspecialist Emphasizing practical applications and real-world experimentation, Electrochemistry for Chemists gives chemists, biologists, and material scientists a solid understanding of the basic principles and modern methodology of electrochemistry. Incorporating the many new applications of recent years, this thoroughly updated Second Edition gives the nonelectrochemist access to a powerful tool for the study and measurement of chemical systems. And, like the popular first edition, the Second Edition is also a useful text for senior undergraduate and graduate students, especially in organic, inorganic, and biological chemistry. * Offers a practical guide to the use of electrochemical methods in research and laboratory work * Provides examples of molecular characterization by electrochemical methods in all subdivisions of chemistry, including dioxygen species, base metals, and nonmetals * Includes numerous tables of electrochemical data, as well as physical parameters for solvents, electrolytes, cells, and electrodes * Incorporates the latest information on instrumentation, solvents, and reagents * Lists extensive references for further study of theoretical issues

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