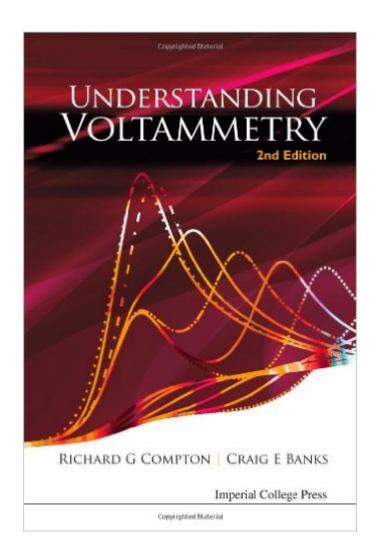
The book was found

## Understanding Voltammetry (2Nd Edition)





## Synopsis

The power of electrochemical measurements in respect of thermodynamics, kinetics and analysis is widely recognized but the subject can be unpredictable to the novice even if they have a strong physical and chemical background, especially if they wish to pursue the study of quantitative measurements further. Accordingly, some significant experiments are perhaps wisely never attempted while the literature is sadly replete with flawed attempts at rigorous voltammetry. This textbook considers how to go about designing, explaining and interpreting experiments centered around various forms of voltammetry (cyclic, microelectrode, hydrodynamic, etc.). The reader is assumed to have attained a knowledge equivalent to Master's level of physical chemistry but no exposure to electrochemistry in general, or voltammetry in particular. While the book is designed to "stand alone", references to important research papers are given to provide an introductory entry into the literature. In comparison to the first edition, two new chapters â " transport via migration and nanoelectrochemistry â " are added. Minor changes and updates are also made throughout the textbook to facilitate enhanced understanding and greater clarity of exposition. Readership: Graduate students pursuing electrochemistry and electroanalytical studies, as well as researchers and industrialists working in the area.

## **Book Information**

Paperback: 444 pages Publisher: Imperial College Press; 2 edition (November 15, 2010) Language: English ISBN-10: 1848165862 ISBN-13: 978-1848165861 Product Dimensions: 6 x 1 x 9 inches Shipping Weight: 1.6 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars Â See all reviews (1 customer review) Best Sellers Rank: #686,029 in Books (See Top 100 in Books) #17 in Books > Science & Math > Chemistry > Physical & Theoretical > Electrochemistry #164 in Books > Science & Math > Chemistry > Analytic #1742 in Books > Science & Math > Chemistry > General & Reference

## **Customer Reviews**

Excellent introduction to voltammetry.

Download to continue reading ...

Understanding Voltammetry (2Nd Edition) Understanding Voltammetry:Simulation of Electrode Processes Understanding Voltammetry: Problems and Solutions Understanding Bergson, Understanding Modernism (Understanding Philosophy, Understanding Modernism) Understanding Colon Cancer (Understanding Health and Sickness Series) Understanding Migraine and Other Headaches (Understanding Health and Sickness Series) Understanding Cystic Fibrosis (Understanding Health and Sickness Series) Understanding Cystic Fibrosis (Understanding Health and Sickness Series) Understanding Cystic Fibrosis (Understanding Health and Sickness Series) Understanding Bankruptcy (2013) (Understanding (LexisNexis)) Understanding Bankruptcy (Understanding (LexisNexis)) Understanding Insurance Law (The Understanding series) Understanding Torts (Understanding (LexisNexis)) Understanding the Building Regulations (Understanding Construction) Understanding David Foster Wallace (Understanding Contemporary American Literature) Understanding Anesthesia Equipment (Dorsch, Understanding Anesthesia Equipment) Understanding Pathophysiology, 5e (Huether, Understanding Pathophysiology) Understanding Jainism (Understanding Faith) Understanding Your Suicide Grief: Ten Essential Touchstones for Finding Hope and Healing Your Heart (Understanding Your Grief) Understanding Digital Signal Processing (2nd Edition) Understanding by Design, Expanded 2nd Edition Understanding Human Development (2nd Edition)

<u>Dmca</u>