



Wolfgang Schmickler, Elizabeth Santos

Interfacial Electrochemistry

- new version of a successful textbook
- electrochemistry is a must for all chemistry students
- new version important because of the application of electrochemistry in energy technology, a fast developing area.
- each chapter is supplemented by problems

Electrochemistry is an old branch of physical chemistry. Due to the development of surface sensitive techniques, and a technological interest in fuel cells and batteries, it has recently undergone a rapid development. This textbook treats the field from a modern, atomistic point of view while integrating the older, macroscopic concepts. The increasing role of theory is reflected in the presentation of the basic ideas in a way that should appeal to experimentalists and theorists alike. Special care is taken to make the subject comprehensible to scientists from neighboring disciplines, especially from surface science. The book is suitable for an advanced course at the master or Ph.D. level, but should also be useful for practicing electrochemists, as well as to any scientist who wants to understand modern electrochemistry.

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