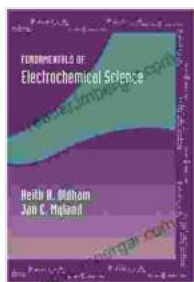


Fundamentals of Electrochemical Science: Your Gateway to Unlocking Advanced Electrochemistry

Electrochemistry is a branch of chemistry that deals with the relationship between electrical energy and chemical change. It is a fundamental science with a wide range of applications, including batteries, fuel cells, corrosion, and electroplating. Fundamentals of Electrochemical Science Kit Chapman provides a clear and systematic approach to mastering the principles and applications of electrochemistry.



Fundamentals of Electrochemical Science by Kit Chapman

★★★★★ 5 out of 5

Language : English

File size : 46750 KB

Screen Reader : Supported

Print length : 496 pages



Why Study Fundamentals of Electrochemical Science?

Electrochemistry is a rapidly growing field with many important applications. By understanding the fundamentals of electrochemistry, you will be well-prepared for a career in a variety of fields, including:

- Batteries and fuel cells
- Corrosion

- Electroplating
- Electrochemical sensors
- Electrochemical energy storage

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Fundamentals of Electrochemical Science covers a wide range of topics, including:

- The basics of electrochemistry, including the concepts of oxidation, reduction, and electron transfer
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- The design and construction of electrochemical cells
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- Clear and concise explanations of electrochemical principles
- Numerous examples and illustrations to help you understand the concepts
- End-of-chapter problems to test your understanding
- A comprehensive glossary of electrochemical terms

About the Author

Kit Chapman is a professor of electrochemistry at the University of Southampton. He is a leading expert in the field of electrochemistry and has published over 100 scientific papers. He is also the author of several other books on electrochemistry.

Testimonials

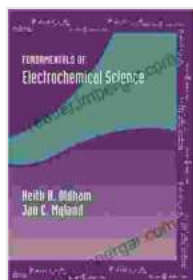
"Fundamentals of Electrochemical Science is an excellent textbook for anyone who wants to learn about the fundamentals of electrochemistry. It is clear, concise, and comprehensive." - Professor John Newman, University of California, Berkeley

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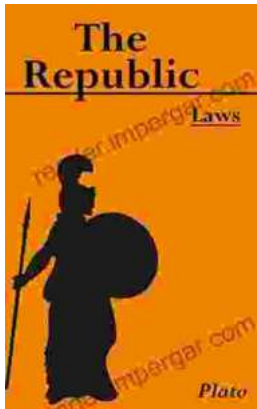


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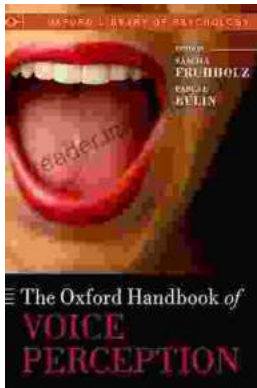
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