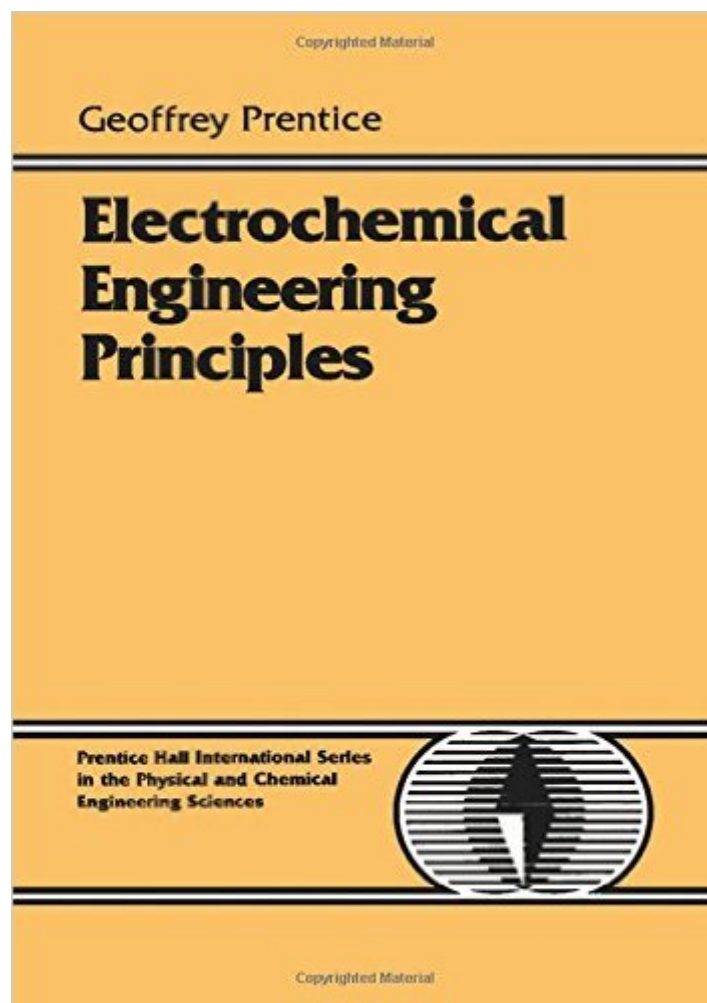


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Electrochemical Engineering Principles



Synopsis

A description of the basic principles of electrochemical engineering and their application to energy storage, industrial electrolysis, and corrosion.

Book Information

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There are so many errors in this book. Equations, tables.... it's pretty awful. While it does provide examples of simple systems, there is little explanation of how to extrapolate to more complicated systems.

I first came across this book while doing undergrad research in an electrochemistry lab. It is an excellent reference for going over the basics of electrochemistry, seeing the derivations of the equations governing kinetics, phase separation, and ionic mass transport, and seeing modeling and experimental methods. While I no longer work in electrochemistry, I recently had to use this book for one of my courses and found it quite useful for explaining the concepts of electrochemistry to someone who hasn't seen the subject in quite some time. If you need an excellent reference book this is it.

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