**DESCRIPTION**

A systematic analysis of electrochemical processes involving metal complexes.

Starting with general considerations on equilibria in solutions and at interfaces as well as on mass transport, the text acquaints readers with the theory and common experimental practice for studying electrochemical reactions of metals complexes. The core part of the book deals with all important aspects of electroplating, including a systematic discussion of co-deposition of metals and formation of alloys. It also discusses such related subjects as oxide layer formation and hydrogen evolution as a side reaction.

**ABOUT THE AUTHOR**

**Arvydas Survila** is head researcher at the Center for Physical Sciences and Technology in Vilnius, Lithuania. Having obtained his academic degrees from Moscow State University, he spent most of his career working as professor at Vilnius University and Vytautas Magnus University (Kaunas). Simultaneously, he was the Head of Department of Electrochemical Kinetics at the Institute of Chemistry (Vilnius). Professor Survila has authored about 300 scientific publications. He obtained the prestigious Lithuanian Scientific Award (physical sciences) and J. Matulis Award from Lithuanian Academy of Science. He is also member of the International Society of Electrochemistry and of the Advisory Board of the Russian Journal of Electrochemistry.