

BOOK REVIEW

Trattato di Ingegneria Elettrochimica

Patrizio Gallone, xix+863, Tamburini Editore, Milano (1973) 17 000 lira (in Italian).

In the opinion of the reviewer the book under examination is a very complete and functional treatise on electrochemical engineering and applied electrochemistry, providing not only a general survey of the most important problems, but also giving good and up-to-date descriptions of individual industrially relevant processes.

About one third (236 pp.) of the book is devoted to electrochemical engineering in general, while particular aspects concerning the plants for special processes are dealt with in the chapters devoted to each process. The following three parts are devoted to electrolytic non-metallurgical processes in solution (374 pp.), to electrolytic hydrometallurgical processes (82 pp.) and to electrolytic processes in molten systems (148 pp.) respectively. The completeness of this treatise is strengthened by the chapters devoted to electrocatalysis and energy conversion, to environmental pollution and to the safety of working people.

A very important feature is that for each process a deep analysis of its thermodynamics and kinetics is carried out; this is necessary for a correct evaluation of the economics of the process.

The text is very clear and the large number of good figures and photographs very much contributes to the understanding. An abundant bibliography at the end of each chapter helps the reader to find other specialized books on the topics treated.

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Notice

The Society for Advancement of Electrochemical Science and Technology (SAEST), Karaikudi 623003, India publishes *Current Titles in Electrochemistry* (incorporating *Electrochemical News*) monthly. A typical issue (November 1973) contained 224 titles classified under 51 subjects, taken from 50 publications. The titles are selected from current literature in electrochemistry, its various sub-disciplines and allied fields. They are printed on one side only. It is available to non-members of SAEST at an annual subscription of U.S. \$18 (air mail) or U.S. \$12 (sea mail).

This publication would appear to offer a useful additional means of literature retrieval for the electrochemist.

Editor