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Book review

Organic Electrochemistry, ed by M M Baizer, Marcel Dekker Inc , New York, 1973, xvii + 1072 pages, $ 49 50

This volume brings together the writings of a dozen of the leading electro organic chemists in a single, well integrated text The editor has done a skillful job of fitting together the disparate components into a coherent volume that is already well known to experts in the field as "Baizer" The last comparable work was Organische Elektrochemie (1942) by F Fichter In a field which is experiencing rapid growth, this reference will be indispensible to those actively conducting research in electroorganic chemistry The early chapters under "Principles and Methods" are very helpful in orienting the novice Perhaps more valuable even is the following chapter by Lund and Iversen on "Practical Problems of Electrolysis" written from a viewpoint of extensive practical experience in addressing directly most of the problems which are discussed The remaining 700 pages are devoted to literature reviews, electrophore by electrophore, of all of the classes of compounds which have received significant attention recently Of particular interest to readers of this Journal is the poignant chapter by H Lehmkuhl entitled "Organometallic Synthesis" While most of the 200 references in this chapter are truncated at 1970, the review is nevertheless thorough and critical It is the best this reader has encountered on the topic

Of the sixteen contributors six are industrial scientists and the remaining are academic researchers This blend of various interest and emphasis is skillfully assembled, and the description of industrial applications of electrochemical processes is enlightening That significant attention is devoted in this section to the "Baizer Process" for adiponitrile synthesis is a fitting tribute to the editor

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Corrigendum

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Page 239, lines 5, 4 and 3 from the bottom should read

was also inferred from the 40 5 MHz ^{31}P spectrum which showed a broad resonance (46 5 Hz at half height) centred at 92 8 ppm with respect to external P_4O_6 Previous work with ^{31}P spectra at perfluorocyclophosphines