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Book review

Comprehensive Chemical Kinetics. Volume 20 Complex Catalytic Processes; edited by C.H. Bamford and C.F.H. Tipper, Amsterdam, Elsevier Scientific Publishing Company, 1978, xii + 414 pages, US \$ 100.00/Dfl. 225.00, Subscription price US\$ 86.75, Dfl. 195.00.

This book forms part of a series dealing with chemical kinetics. Its interest for organometallic chemists arises because the catalytic processes under discussion probably involve organometallic intermediates. The reason for the qualification is that the subject matter relates to heterogeneous systems where the interpretation of reaction pathways in terms of molecular structures is uncertain.

The scope may perhaps best be judged by listing the chapter headings (with authors in parentheses): Catalytic hydrogenation (G. Webb, 123 pages and 349 references); Heterogeneous oxidation processes (K. van der Wiel and P.J. van den Berg, 140 pages and 362 references); Heterogeneous eliminations, additions and substitutions (L. Beránek and M. Kraus, 133 pages and 513 references). There can be little doubt that the book is of considerable importance, although only peripherally so for organometallic chemists.

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