

Book review

Catalysis, Volume 6, Specialist Periodical Reports, Senior Reporters G.C. Bond and G. Webb, The Royal Society of Chemistry, London, 1983, 234 pages, ISBN 0-85186-574-7.

This volume deals with aspects of recent literature published up to mid-1982. It is divided into seven chapters, as follows: "Oscillatory Phenomena in Heterogeneous Catalysed Oxidation Reactions", by D. Mukesh, M. Goodman, C.N. Kenney, and W. Morton (26 pages, 76 refs.); "Strong Metal-Support Interactions", by G.C. Bond and R. Burch (34 pages, 139 refs.); "The Catalytic Hydrogenation of Organic Compounds — A Comparison between the Gas-phase, Liquid-phase, and Electrochemical Routes" by M.D. Birkett, A.T. Kuhn, and G.C. Bond (29 pages, 141 refs.); "Structural Characterization of Surface Species and Surface Sites by Conventional Optical Spectroscopies", by A. Zecchina, E. Garrone, and E. Guglielminotti (54 pages, 426 refs.); "Use of Radiotracers in the Study of Surface Catalysed Processes", by G.F. Berndt (25 pages, 139 refs.); "Hydroformylation", by B.A. Murrer and M.J.H. Russell (27 pages, 127 refs.); and "Formation of Oxygenated Products from Synthesis Gas", by E.K. Poels and V. Ponec (39 pages, 196 refs.).

The standard of the writing is very high, especially in those sections in which Professor Bond is a co-author. Readers of this journal will probably be particularly interested in chapters 6, and to a lesser extent, 7. There is no index.

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