

## **PREFACE**

An international symposium on “The Mechanisms of Heterogeneous Catalysis” was held in the Lawrence Berkeley Laboratory of the University of California in Berkeley on November 12–14, 1990. This was the third of such meetings followed by those in Villeurbanne, France and Krakow, Poland. Its purpose was to focus on theoretical and experimental advances and new concepts that provide a better understanding of catalytic reaction mechanisms. Specialists from different fields were invited including theory, surface science, solid-state and coordination chemistry to discuss and assess recent developments in heterogeneous catalysis.

This volume of Catalysis Letters presents many of the papers based on the lectures that were delivered at the Berkeley Conference. They reflect our state of understanding at the frontiers of several broad areas of heterogeneous catalysis.

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