

Foreword

The format, coverage, and approach of this third volume dealing with Inorganic Reaction Mechanisms are similar to those for the previous volumes. In view of the appearance of the Specialist Periodical Reports on Organometallic Chemistry, we have been much more selective in our choice of references in this area. We have concentrated on references in which kinetics or reaction mechanisms form the principal interest, rather than attempting, as in the first two volumes, to cite all references with some mention of kinetics or mechanism. Solvent effects on reactivities and mechanisms of inorganic reactions, which were somewhat neglected in Volume 2, are considered in a separate chapter in this volume.

The nominal period for coverage of the literature is December 1971 to July 1973, inclusive. However, the boundaries at both ends of this period are somewhat vague. Some pre-December 1971 references, omitted from Volume 2 because of late arrival of journals, are included in the present volume. Conversely many references later than July 1973, some from issues dated as late as October 1973, have been included. The hazy end-of-coverage date merely reflects the differences between the dating habits and distribution efficiencies of the various journals.

Material which is derived from *Chemical Abstracts* rather than directly from the original source is indicated by the inclusion of a *Chemical Abstracts* citation in the reference quoted. References to Russian journals which give a transliteration of the Russian title of the journal give the page number of the Russian original, and have been derived from *Chemical Abstracts*; references which give the title of the English translation quote the page number from the translation. Mention of review articles is generally restricted to those which are readily accessible to most readers.

We have usually reported kinetic results in the form (E_a plus $\log A$ versus ΔH^\ddagger plus ΔS^\ddagger) or units (SI or other) used in the original publication, though some conversions have been effected to make comparisons easier, particularly within tables.

The Reporters are grateful to many of their colleagues for suggestions and comments. In particular we would like to express our appreciation of the valuable help rendered by Drs J. S. Coe, D. R. Rosseinsky, G. Stedman, and A. G. Sykes in reading sections of the manuscript. Without their assistance the number of errors and infelicities in this volume would have been much greater.

J. B.

