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Publisher *Taylor & Francis*

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Journal of Coordination Chemistry

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713455674>

DEDICATION

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To cite this Article Shriver, D. F.(1996) 'DEDICATION', Journal of Coordination Chemistry, 37: 1, v

To link to this Article: DOI: 10.1080/00958979608023534

URL: <http://dx.doi.org/10.1080/00958979608023534>

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DEDICATION

This volume of the *Journal of Coordination Chemistry* honors Professor Toschitake Iwamoto, an accomplished research scientist, internationalist, dedicated teacher, and prolific textbook author/translator, who has a long association with this journal.

Professor Iwamoto's research interests, the synthesis, structural characterization, and properties of inorganic host compounds, have centered primarily on cyanide bridged systems, starting with the layered "Hoffman-type" clathrates, a name he coined to honor Karl Andreas Hofmann who found the prototype material in 1897. Dr. Iwamoto was recognized for his initial work in this area with the award of the Prize for Younger Chemists in 1969 by The Chemical Society of Japan. These initial studies led Iwamoto to synthesize and structurally characterize a wide range of microporous multi-dimensional compounds, well before these materials achieved their current popularity. In the course of his research, he recognized the potential for cyanometallates to mimic the structures of minerals such as silica, cristobalite, tridymite clays and zeolites – mineralomemetics. In addition to synthetic and X-ray crystallographic structural investigation of the host, Iwamoto's studies include incisive interpretations of the role of the guest, such as the influence of the guest's size, the conversion of ligands to guests, molecular mechanics interpretation of guest orientation, and the role of hydrogen bonding in guest orientation.

Most of Professor Iwamoto's professional career was spent at the University of Tokyo, Komaba, where, in addition to his research, he was very active in education issues. The confluence of these activities in graduate education led ten students to receive their Ph. D. under his guidance. Professor Iwamoto is a prolific writer and translator of textbooks and educational material, starting with "Introduction to Inorganic Chemistry" (1972), and "Basic Inorganic Chemistry" (with K. Watanuki in 1977). Subsequently, he wrote a series of books for chemistry in secondary schools and translated several texts to Japanese: Moore and Moore's "Environmental Chemistry", Oulette's "Understanding Chemistry", Becker and Wentworth's "General Chemistry". *A college-level book, "Chemistry, Modern Understanding" was coauthored with M. Imoto, and a book on "Inorganic Chemistry for Graduate Courses" was coedited with several collaborators.

Toschi's international activities include a visiting Associate Professorship at Northwestern University in 1970–71, the organization of many international symposia, and extensive lecturing in North America, Eastern and Western Europe and Asia. In 1996, Professor Iwamoto will reach the mandatory age for retirement from the University of Tokyo, 61. We look forward to his continued writing and contributions to the scientific literature from a large backlog of data.

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