Zenjiro Kuramochi

Professor Zenjiro Kuramochi was born on January 15, 1920 in Iwamizawa, Hokkaido. After graduating from Hokkaido Imperial University (now Hokkaido University) in September 1949, he was appointed Assistant of the Department of Mathematics at Osaka University, where he received the degree of Doctor of Science in March 1955. In April 1955, he was promoted to Lecturer at the same University and, in October 1956, he returned to Hokkaido University as Assistant Professor. In March 1967, he was appointed Professor in the Department of Mathematics at Hokkaido University, and he has held this position until now.

His research has been on function theory on open Riemann surfaces, as the bibliography attached to this issue shows. He introduced a notion of ideal boundary of Riemann surfaces, which is now called the Kuramochi boundary, and constructed the Evans-Selberg function for parabolic Riemann surfaces. In his theory of ideal boundaries, the study of positive bounded minimal harmonic functions constitutes an important part and has had a strong influence on the classification theory of Riemann surfaces (as well as Y. Tôki's work). His theory was systematically developed in a book by C. Constantinescu and A. Cornea.

We hope Professor Kuramochi will continue to inspire us through his research and teaching in the Department of Mathematics at Hokkaido University.

Editors of
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