PROCEEDINGS AT THE 739TH GENERAL MEETING

The 739th General Meeting of the Academy was held on Monday, May 12, 1980 at 1 : 00 p.m., Dr. Kiyoo WADATI, President, taking the chair.   Eighty-eight members were present, and the following communications were made:

The observations about the by-burial remains of ancient tombs in Japan
. . . . Masao SUENAGA, M. J. A.
The first cohomology groups of infinite dimensional Lie algebras . .
. . . . Nobutada NAKANISHI
Further results for the solutions of certain third order differential
equations . . . . Tadayuki HARA
Branching of singularities for degenerate hyperbolic operators and
Stokes phenomena. . . . . Kazuo AMANO
Monodromy preserving deformation and its application to Soliton
theory. II . . . . Kimio UENO
The asymptotics of the potential functions of one-sided stable processes
. . . . Kimio KAZI
On the determination of all NB-structures on BCK-algebras . . . . .
. . . . Kiyoshi ISÉKI
                      Above six, communicated by Kôsaku YOSIDA, M. J. A.
The oscillations of water in an annular basin of variable depth . . .
. . . . Koji HIDAKA, M. J. A.
Potent novel mutagens produced by broiling fish under normal condi-
tions . . . .
Hiroshi KASAI, Ziro YAMAIZUMI, Keiji WAKABAYASHI, Minako
NAGAO, Takashi SUGIMURA, Sigeyuki YOKOYAMA, Tatsuo MIYAZAWA,
N. E. SPINGARN, J. H. WEISBURGER, and Susumu NISHIMURA
                      Communicated by Hamao UMEZAWA, M. J. A.
Further cytogenetic studies on 105 cases from genetic counseling . .
. . Takashi KATANO, Motochiyo MURAKAMI, and Tetsuji KADOTANI
Studies on the karyotype differentiation of the Norway rat. I. Trans-
location between the pair nos. 1 and 12 chromosomes in the Lewis-
strain rat . . . . Tosihide H. YOSIDA
Some chromosomal aspects of Naemorhedus goral (goral) and Procapra
gutturosa (Mongolian gazelle) . . . .
. . . . Hiroaki SOMA, Hidemi KADA, Kunio MATAYOSHI, Takashi
KIYOKAWA, Takeyoshi ITO, Minoru MIYASHITA, Kenjiro NAGASE
                      Above three, communicated by Sajiro MAKINO, M. J. A.
Breakdown of a seamount on the slope of the Japan trench . . . . .
. . . . Akio MOGI and Kunikazu NISHIZAWA
Mantle-crust material interaction from the rare gas viewpoint . . .
. . . . Minoru OZIMA and F. A. PODOSEK
                      Above two, communicated by Chuji TSUBOI, M. J. A.
Quantification of antibodies by the volume distribution analysis of
latex particles . . . . Shigetaka
MATSUZAWA, Yukio ITOH, Hiroko KIMURA, and Yumi BANNAI
                      Communicated by Shoei ISEKI, M. J. A.
Suites limite-périodiques et théories des nombres. II . . . .
. . . . J.-L. MAUCLAIRE