

## PROCEEDINGS AT THE 711TH GENERAL MEETING

The 711th General Meeting of the Academy was held on Monday, September 12, 1977 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Ninety members were present, and the following communications were made:

- Some civilizing influences of the literature compiled by the Liao (遼) priest in Japan . . . . . Zenryu TSUKAMOTO, M. J. A.
- Rechtsstreitigkeiten über das geplante kernkraftwerk . . . . . Jiro TANAKA, M. J. A.
- Fundamental solutions to the Cauchy problem of some weakly hyperbolic equation . . . . . Atsushi YOSHIKAWA
- On the mixed problem with d'Alembertian in a quarter space . . . . . Hideo SOGA
- A note on Steenrod operations in the Eilenberg-Moore spectral sequence . . . . . Masamitsu MORI
- A note on the law of decomposition of primes in certain Galois extension . . . . . Hideji ITO
- A counterexample to a conjecture by P. Erdős. . . . . G.M. Rassias, J.M. Rassias, and T.M. Rassias
- Above five, communicated by Kôzaku YOSIDA, M. J. A.
- The binding of rat luteinizing hormone (rLH) to slices of luteinized ovaries and intrasplenic ovarian grafts . . . . . Takako SAIGA-NARUMI and Seiichiro KAWASHIMA
- Communicated by Kiyoshi TAKEWAKI, M. J. A.
- Immunochemical studies on human cancer. I. Cancer-associated antigen reacting with anti-stomach cancer immune serum . . . . . Ken FURUKAWA, Hisao TAKIZAWA, and Shoei ISEKI, M. J. A.
- Immunochemical studies on human cancer. II. Detection of a urinary antigenic substance common to gastric cancer tissue . . . . . Ken FURUKAWA and Shoei ISEKI, M. J. A.
- Isoelectric analysis of *B* gene-associated  $\alpha$ -Galactosyltransferases in human serum and saliva . . . . . Koichiro KISHI, Hisao TAKIZAWA, and Shoei ISEKI, M. J. A.
- X-ray diffraction of active frog skeletal muscle before and after a slow stretch . . Haruo SUGI, Yoshiyuki AMEMIYA and Hiroo HASHIZUME
- Communicated by Yasuji KATSUKI, M. J. A.
- Chromosomal studies on interspecific hybrids of butterflies (Papilionidae, Lepidoptera). X. Crosses among *P. machaon britannicus*, *P. machaon gorganus*, *P. machaon hippocrates*, and *P. zelicaon* . . . . . Kodo MAEKI and Shigeru A. AE
- A cytological evidence for gynogenetic development of the Ginbuna (*Carassius auratus langsdorffi*) . . Yoshio OJIMA and Norihide ASANO
- A simple Giemsa method for the differential staining of sister chromatids with a note on the presumptive mechanism involved . . . . . Shunichi SAKANISHI and Susumu TAKAYAMA
- A comparative study of chromosomes in seven species of lemurs, with special reference to homology of G-banding patterns . . . . . Ei-ichi TAKAHASHI and Norio KONDO

- The transforming DNA sequence common to highly oncogenic human adenoviruses, type 12, 18 and 31 . . . . .  
 Kei FUJINAGA, Setsuko OJIMA, Shoki YANO, and Morikazu SHINAGAWA  
 Above five, communicated by Sajiro MAKINO, M. J. A.
- A note on the large sieve. II. . . . . Yoichi MOTOHASHI
- Congruences of the eigenvalues of Hecke operators . . . . .  
 . . . . . Kazuyuki HATADA
- A complex analogue of the generalized Minkowski problem . . . . .  
 . . . . . Mikio ISE
- On the continuous cohomology of the Lie algebra of vector fields . . . . .  
 . . . . . Toru TSUJISHITA
- Decomposition of the unitary representations of  $SL(2, C)$  induced by the discrete series of  $SU(1, 1)$  . . . . . Hitoshi KANETA
- A generalization of local class field theory by using  $K$ -groups. I. . . . .  
 . . . . . Kazuya KATO
- Above six, communicated by Kunihiko KODAIRA, M. J. A.
- Etude quantitative de la cytoarchitecture de la moelle épinière chez le chat et le poulet . . . . . Akira KANEMITSU
- Etude quantitative des neurones dans la moelle cervicale chez un cas de l'hémisphérectomie cérébrale . . . . .  
 . . . . . Akira KANEMITSU and Fusahiro IKUTA
- Above two, communicated by Teizo OGAWA, M. J. A.
- Invariance of cohomology groups under a deformation of an elliptic system of linear differential equations . . . . . Takahiro KAWAI  
 Communicated by Heisuke HIRONAKA, M. J. A.
- Mutagenicity of flavone derivatives . . . . . Takashi SUGIMURA, Minako NAGAO, Taijiro MATSUSHIMA, Takie YAHAGI, Yuko SEINO, Atsuko SHIRAI, Mutsuko SAWAMURA, Shinsaku NATORI, Kunitoshi YOSHIHIRA, Masamichi FUKUOKA, and Masanori KUROYANAGI  
 Communicated by Hamao UMEZAWA, M. J. A.

After a recess, during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, the President announced that Dr. Teijiro YABUTA, M. J. A., had died on July 20, 1977; the members rose from their seats in silence, expressing a profound sense of grief.

Next, Dr. Yuzo YAMADA, M. J. A., and Dr. Eikiti HIRATSUKA, M. J. A., paid a high tribute respectively to the late Dr. Kinnosuke ŌTSUKA's and the late Dr. Teijiro YABUTA's meritorious services to the academic circles.

Then, the Chairmen of both Sections made reports on the matters dealt with at the Sectional Meetings.

Finally, it was reported that Dr. Kenjiro KIMURA, M. J. A., was elected member of the Administrative Committee as a result of election at the Sectional Meeting.

The Meeting adjourned at 4:30 p.m.

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