

## PROCEEDINGS AT THE 788TH GENERAL MEETING

The 788th General Meeting of the Academy was held on Friday, April 12, 1985, at 1:00 p.m. Dr. Hiromi ARISAWA, President, taking the chair. Ninety-five members were present, and the following communications were made:

- Hegels erste Vorlesungen . . . . . Takezo KANEKO, M. J. A.  
 UNCITRAL's model law on international commercial arbitration . . .  
 . . . . . Tsunahiro KIKUI, M. J. A.  
 1-nitrosoindole-3-acetonitrile, a mutagen produced by nitrite treatment  
 of indole-3-acetonitrile . . . . .  
 Keiji WAKABAYASHI, Minako NAGAO, Tomoko TAHIRA, Hazime SAITÔ,  
 Masato KATAYAMA, Shingo MARUMO, and Takashi SUGIMURA, M. J. A.  
 $\alpha$ -L-fucosidase polymorphism in human urine revealed by isoelectric  
 focusing . . . . . Koichiro KISHI and Toshihiro YASUDA  
 Communicated by Shoei ISEKI, M. J. A.  
 Karyotype evolution and relationship of a small ricefish, *Oryzias minu-*  
*tillus*, from Thailand . . . . . Wichian MAGTOON and Hiroshi UWA  
 The presence of a white pigment concentrating hormone in the eyestalk  
 of the freshwater shrimp, *Caridina denticulata*, as evidenced by its  
 action on leucophores of the midgut and hindgut . . . . .  
 . . . . . Mitsuharu MIYAWAKI and Takanori TSURUDA  
 A BrdU-requiring fragile site, Fra(10)(q25), in a Japanese population  
 . . . . . Ei-ichi TAKAHASHI, Tada-aki HORI, and Motoi MURATA  
 Studies on the karyotype differentiation of the Norway rat. XIV. Trans-  
 location between the autosome nos. 3 and 8 in BUF-strain rat de-  
 veloped after  $\gamma$ -irradiation and its transmission to offspring . . . .  
 . . . . . Toshide H. YOSIDA and Takashi HAMADA  
 Studies on the karyotype differentiation of the Norway rat. XV. Trans-  
 position of the nucleolar organizer region (NOR) of the autosome  
 no. 11 to the dot-Y in the 11-Y translocation male occurring in the  
 NIG-III strain rat . . . . . Toshide H. YOSIDA and Masayasu Y. WADA  
 Studies on the karyotype differentiation of the Norway rat. XVI.  
 Further observations on the segregation of offspring born after  
 mating between the 11-Y translocation females and males . . . . .  
 . . . . . Toshide H. YOSIDA and Takashi HAMADA  
 Non-random involvement of rat and mouse chromosomes in the stable  
 type chromosomal rearrangements observed in irradiated bone mar-  
 row cells . . . . . Isamu HAYATA and Bernard DUTRILLAUX  
 A case of XO-male newborn with multiple malformations . . . . . Tetsuji  
 KADOTANI, Yoko WATANABE, Nami MATSUO, and Hiroko SHIMODA  
 Above eight, communicated by Sajiro MAKINO, M. J. A.  
 Sur l'équation de Boussinesq des ondes de surface de l'eau . . . . .  
 . . . . . Tadayoshi KANO et Takaaki NISHIDA  
 The  $L^p$ -boundedness of Pseudo-differential operators satisfying esti-  
 mates of parabolic type and product type. II . . . . Masao YAMAZAKI  
 On some properties of set-dynamical systems . . . . Masayoshi HATA  
 On removable singularities of certain harmonic maps . . . . .  
 . . . . . Shôichirô TAKAKUWA  
 Above four, communicated by Kôsaku YOSIDA, M. J. A.  
 On semi-idempotents in group rings . . . . . W. B. VASANTHA

- A generalization of Gauss' theorem on the genera of quadratic forms  
 . . . . . Takashi ONO  
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- Family of Jacobian manifolds and characteristic classes of surface  
 bundles. II . . . . . Shigeyuki MORITA
- Pluricanonical maps of minimal 3-folds . . . . . Masaki HANAMURA
- A functional integrating Futaki's invariant . . . . . Toshiki MABUCHI
- On branched coverings of projective manifolds . . . . . Makoto NAMBA  
 Above four, communicated by Kunihiko KODAIRA, M. J. A.
- Heat flow measurements in Lake Biwa, central Japan. A preliminary  
 study . . . . . Hideyuki FUJISAWA,  
 Toshiyasu NAGAO, Seiya UYEDA, Satoru HONDA, and Tatsuro TSUNODA  
 Communicated by Kiyoo WADATI, M. J. A.
- A classification of gene conversion and its evolutionary implications  
 . . . . . Hidenori  
 HAYASHIDA, Reiko KIKUNO, Teruo YASUNAGA, and Takashi MIYATA
- Rapid rate of rodent evolution . . . . .  
 . . . . . Reiko KIKUNO, Hidenori HAYASHIDA, and Takashi MIYATA  
 Above two, communicated by Motoo KIMURA, 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. Shinji TAKAHASHI, M. J. A., had passed away on April 2, 1985. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Nobushige UKAI, M. J. A., paid a tribute of admiration to the late Dr. Yoshimoto YANASE's meritorious services to academic circles.

Finally, the Chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

The Meeting adjourned at 4:10 p.m.

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