

## PROCEEDINGS AT THE 795TH GENERAL MEETING

The 795th General Meeting of the Academy was held on Monday, January 13, 1986, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. One hundred members were present, and the following communications were made:

- The latest state of the shareholders' meetings . . . . . Kenichiro OSUMI, M. J. A.
- On Dennis Holme Robertson, 1890-1963 . . . . . Hideo AOYAMA, M. J. A.
- Evidence of major genes controlling longevity in *Drosophila melanogaster* . . . . . Isamu YONEMURA, Tomio MOTOYAMA, and Hayato HASEKURA
- Haemoglobin and transferrin polymorphisms in some Turkish native sheep and their several crosses . . . . . Mehmet Ihsan SOYSAL, Kazue TANAKA, and Shozo SUZUKI
- Above two, communicated by Shoei ISEKI, M. J. A.
- Growth and morphogenesis of mouse mammary epithelial cells cultured in collagen gels. Stimulation by hormones, epidermal growth factor and mammary fibroblast-conditioned medium factor . . . . . Kazuo KAWAMURA, Jumpei ENAMI, Sonoko ENAMI, Masahiro KOEZUKA, Kaoru KOHMOTO, and Mutuyosi KOGA
- Morphometrical analysis of the neurohemal regions of the turtle median eminence . . . . . Yoshihiko OOTA
- Above two, communicated by Kiyoshi TAKEWAKI, M. J. A.
- Hodge structure and holonomic systems . . . . . Masaki KASHIWARA and Takahiro KAWAI
- Aitken-Steffensen acceleration and a new addition formula for Fibonacci numbers . . . . . Masaharu ARAI, Kazuo OKAMOTO, and Yoshinori KAMETAKA
- Propagation of Chaos for the two dimensional Navier-Stokes equation . . . . . Hirofumi OSADA
- Fock space representations of Virasoro algebra and intertwining operators . . . . . Yukihiro KANIE and Akihiro TSUCHIYA
- On the automorphism groups of a compact bordered Riemann surface of genus five . . . . . Kenji NAKAGAWA
- $\bar{\partial}$ -problem on a family of weakly pseudoconvex manifolds . . . . . Hideaki KAZAMA and Kwang Ho SHON
- Above six, communicated by Kôzaku YOSIDA, M. J. A.
- Chromosome evolution and speciation of reptiles. I. Karyotype of the Japanese mamushi, *Agkistrodon blomhoffii blomhoffii* (Viperidae, Crotalinae), with special regard to the sex chromosomes . . . . . Tosihide H. YOSIDA and Michihisa TORIBA
- Chromosome evolution and speciation of reptiles. II. A comparative study on karyotypes of the Chinese mamushi (*Agkistrodon blomhoffii brevicaudus*) and the Ussuri mamushi (*A. ussuriensis*) (Viperidae, Crotalinae) . . . . . Tosihide H. YOSIDA and Michihisa TORIBA
- Observations on isolated red pigment granules from midgut erythrocytes of a shrimp, *Caridina denticulata* . . . . . Mitsuharu MIYAWAKI, Takanori TSURUDA, and Izumi YOSHIOKA
- A chromosome study on the 91 cases of the mentally retarded men . . . . . Tetsuji KADOTANI, Yoko WATANABE, Hisaki TANAKA, and Suzue KANATA

- Karyological study of three intersexual rainbow trouts . . . . .  
 Takayoshi UEDA, Yoshio OJIMA, Ryozo SATO, and Yoshimi FUKUDA
- Whole embryo culture as a primary screening system for teratogens.  
 Effects of vinblastine on rat embryos *in vitro* . . . . .  
 . . . . . Ichiro NARUSE and Ryujiro SHOJI  
 Above six, communicated by Sajiro MAKINO, M. J. A.
- Global correlation on the palaeoclimatic change between Lake Biwa  
 sedimentary evidence and other marine and terrestrial records . . .  
 . . . . . Norio FUJI  
 Communicated by Teichi KOBAYASHI, M. J. A.
- Amino-methyl- $\alpha$ -carboline-induced DNA modification in rat salivary  
 glands and pancreas detected by  $^{32}\text{P}$ -postlabeling method . . . . .  
 . . . . . Katsumi YAMASHITA, Shozo TAKAYAMA,  
 Minako NAGAO, Shigeaki SATO, and Takashi SUGIMURA, M. J. A.
- Simple vector bundles over symplectic Kähler manifolds . . . . .  
 . . . . . Shoshichi KOBAYASHI
- Special values of Euler products and Hardy-Littlewood constants . . .  
 . . . . . Nobushige KUROKAWA
- The number of embeddings of integral quadratic forms. II . . . . .  
 . . . . . Rick MIRANDA and David R. MORRISON  
 Above three, communicated by Kunihiko KODAIRA, M. J. A.
- On class numbers of quadratic extensions of algebraic number fields . .  
 . . . . . Richard A. MOLLIN
- On a lower bound for the class number of an imaginary quadratic field  
 . . . . . Ryuji SASAKI  
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- Automorphism groups of real algebraic curves of genus 3 . . . . .  
 . . Emilio BUJALANCE, José Javier ETAYO, and José Manuel GAMBOA  
 Communicated by Heisuke HIRONAKA, 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 Chairmen of both Sections made reports on the matters dealt with at the respective Sectional Meetings.

Next, the President made a report on the activities of the Academy in 1985.

The Meeting adjourned at 4:30 p.m.

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