

PROCEEDINGS AT THE 768TH GENERAL MEETING

The 768th General Meeting of the Academy was held on Tuesday, April 12, 1983, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety members were present, and the following communications were made:

- Secret voting in classical antiquity . . . Kentarō MURAKAWA, M. J. A.
 Generational conflict after the Russo-Japanese War and its historical background Yoshitake OKA, M. J. A.
 Singular Cauchy problems for second order partial differential operators with non-involutory characteristics Keisuke UCHIKOSHI
 Asymptotic expansions of solutions of Fuchian hyperbolic partial differential equations Hidetoshi TAHARA
 Invariant measures on orbits associated to a symmetric pair Jiro SEKIGUCHI
 The existence of an invariant stable foliation and the problem reducing to a one-dimensional map Michiko YURI
 A proposition on the cardinality of closed discrete subsets of a topological space Nobuyuki KEMOTO
 Ergodic theorems for semigroups of operators on a grothendieck space Sen-Yen SHAW
 Above six, communicated by Kōsaku YOSIDA, M. J. A.
 Null strings and Null solutions of Maxwell's equations Kiyokazu NAGATOMO
 An explicit dimension formula for the spaces of generalized automorphic forms with respect to $Sp(2, \mathbb{Z})$ Ryuji TSUSHIMA
 Pluricanonical mappings of canonically polarized varieties Kazuhisa MAEHARA
 Vanishing theorems in asymptotic analysis Hideyuki MAJIMA
 \mathcal{V} -Poincaré's lemma and \mathcal{V} -de Rham cohomology for an integrable connection with irregular points Hideyuki MAJIMA
 Above five, communicated by Kunihiro KODAIRA, M. J. A.
 Metamorphosis of the boring clam, *Tridacna crocea* Siro KAWAGUTI
 Communicated by Kiyoshi TAKEWAKI, M. J. A.
 The effects of dorsal root stimulation on the release of endogenous glutamate from the frog spinal cord Akira TAKEUCHI, Kayoko ONODERA, and Reiko KAWAGOE
 Communicated by Yasuji KATSUKI, M. J. A.
 On the superfamily Trigonoidacea Teichi KOBAYASHI, M. J. A.
 A case with partial monosomy 10p Tetsuji KADOTANI, Yoko WATANABE, and Sajiro MAKINO, M. J. A.
 A case of trisomy 8 mosaicism Tetsuji KADOTANI, Yoko WATANABE, Shigeki TAKEUCHI, and Sumiko HORIKOSHI
 Parallelism of karyotype evolution in mammals Tosihide H. YOSIDA
 Above two, communicated by Sajiro MAKINO, M. J. A.

- A generalization of Gauss' theorem on arithmetic-geometric means Takashi ONO
- C^2 Reeb stability of noncompact leaves of foliations Takashi INABA
- Sommes de Gauss modulo p^α . II J.-L. MAUCLAIRE
- Suites limite-périodiques et théorie des nombres. VIII J.-L. MAUCLAIRE
- Above four, communicated by Shokichi IYANAGA, M. J. A.
- Germination of seeds obtained from a clone of garlic, *Allium sativum* L. Takeomi ETOH
- Communicated by Naohide HIRATSUKA, M. J. A.
- Effects of adenine on skinned fibers of amphibian fast skeletal muscle Tohru ISHIZUKA and Makoto ENDO
- Effect of adenine on twitch and other contractile responses of single fibers of amphibian fast skeletal muscle Tohru ISHIZUKA, Toshihiko IJIMA, and Makoto ENDO
- Novel neuropeptides, neurokinin α and β , isolated from porcine spinal cord Sadao KIMURA, Masahiro OKADA, Yoshiki SUGITA, Ichiro KANAZAWA, and Eisuke MUNEKATA
- Persistence of hypersensitivity to lethal effect of injected calcium chloride for ten generations of rats raised from parathyroidectomized mothers . . . Tomoko FUJII, Shoji MORIMOTO, and Nobuko YAMAMOTO
- Above four, communicated by Setsuro EBASHI, 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. Seiji KISHIMOTO, M. J. A., had passed away on April 6, 1983; Prof. Ulf Svante Hansson von Euler, Honorary Member of the Academy, on March 10, 1983. The members rose from their seats in silence expressing profound sense of grief.

Next, Dr. Toshio SUGI, M. J. A., paid a tribute of admiration to the late Dr. Tomio TEZUKA's meritorious services to academic circles.

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

Finally, it was submitted to elect Dr. Bernard FRANK to the Honorary Membership of the Academy of the recommendation by Section I. This was approved unanimously.

The Meeting adjourned at 4:45 p.m.

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