

PROCEEDINGS AT THE 741ST GENERAL MEETING

The 741st General Meeting of the Academy was held on Friday, September 12, 1980, at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-seven members were present, and the following communications were made:

- The first Anglo-Japanese Alliance in Japanese public opinion
 Yoshitake OKA, M. J. A.
 Kowakamai in Muromachi period Teiji ICHIKO, M. J. A.
 Chromosome studies in mouse neuroblastoma cells
 Kyoko KANO-TANAKA,
 Haruhiro HIGASHIDA, Hiroko FUKAMI, and Tatsuya TANAKA
 Cytogenetic data of 92 cases obtained in the Kojika-Gakuen, an institution
 for severe physically and mentally retarded patients.
 Tetsuji KADOTANI, Yoko WATANABE,
 Takako KIYUNA, Toshimi KAWAMOTO, and Ichiro TAKEMURA
 Studies on the karyotype differentiation of the Norway rat. III.
 Segregation of offspring from the 1/12 translocation heterozygotes
 and fertility of the translocation homozygotes Toshihide H. YOSIDA
 Cytogenetic effects of quercetin on cultured mammalian cells
 Mitsuaki A. YOSHIDA,
 Motomichi SASAKI, Keiko SUGIMURA, and Takashi KAWACHI
 Above four, communicated by Sajiro MAKINO, M. J. A.
 Studies on the "sugary flavor" of raw cane sugar. II Yukiko
 TOKITOMO, Akio KOBAYASHI, Tei YAMANISHI, and Shigeru MURAKI
 Studies on the "sugary flavor" of raw cane sugar. III. Key compound
 of the sugary flavor. Yukiko
 TOKITOMO, Akio KOBAYASHI, Tei YAMANISHI, and Shigeru MURAKI
 Above two, communicated by Sankichi TAKEI, M. J. A.
 Deformation of linear ordinary differential equations. IV
 Tetsuji MIWA
 Singular Hadamard's variation of domains and eigenvalues of the
 Laplacian Shin OZAWA
 Remarks on the isomorphisms of certain spaces of harmonic Differential
 ials induced from quasiconformal homeomorphisms
 Fumio MAITANI
 On the variation of periods of holomorphic Γ_{h^0} -reproducing differentials
 Masahiko TANIGUCHI
 \mathcal{E} -well posedness of mixed initial-boundary value problem with constant
 coefficients in a quarters space. II Yoshihiro SHIBATA
 Remarks on the lower bound of a linear operator Gyokai NIKAIDO
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
 Genetic differences between Swamp and River buffaloes in the electro-
 phoretic variations of albumin and transferrin
 Takashi AMANO, Takao NAMIKAWA, and Shozo SUZUKI
 Communicated by Shoei ISEKI, M. J. A.
 The visible absorption spectrum of water Hiroshi
 TSUBOMURA, Naoto YAMAMOTO, Nobutaka MATSUO, and Yoshio OKADA
 Communicated by Sanichiro MIZUSHIMA. M. J. A.

- Allozymic variation in wild populations of the fish, *Oryzias latipes* Mitsuru SAKAIZUMI, Nobuo EGAMI, and Kazuo MORIWAKI
 Communicated by Kiyoshi TAKEWAKI, M. J. A.
- The value of body proportion of Japanese men and women. From the standpoint of the golden ratio, I Mariko IMANAKA
- The value of body proportion of Japanese men and women. From the standpoint of the golden ratio, II Mariko IMANAKA
 Above two, communicated by Teizo OGAWA, M. J. A.
- An additional note on the $^{12}\text{C}/^{13}\text{C}$ ratio in carbon stars. II Yoshio FUJITA, M. J. A.
- Effects of Calcium ionophore, A23187 on murine muscle. Ultrastructural and biochemical study. Makoto UCHINO and Samuel M. CHOU
 Communicated by Setsuro EBASHI, M. J. A.
- Penicillin-binding proteins in soluble fraction of *Escherichia coli* K-12 Shigeo KOYASU, Akio FUKUDA, and Yoshimi OKADA
 Communicated by Shiro AKABORI, M. J. A.
- Some results in the classification theory of compact complex manifolds in C Akira FUJIKI
- Cross ratios moduli of del Pezzo surfaces of degree one. Isao NARUKI
- On the Hessian of the square of the distance on a manifold with a pole Katsumi YAGI
 Above three, communicated by Kunihiro KODAIRA, M. J. A.
- Reversal of streptomycin induced blockade of neuromuscular transmission by 4-aminopyridine Takashi MAENO and Koichi ENOMOTO
- Reevaluation of humoral factors in sleep mechanism. Junji MATSUMOTO
 Eiko UEZU, Hiromasa SENO, Atsuko SANO, and Yusuke MORITA
 Above two, communicated by Yasuji KATSUKI, M. J. A.
- An interesting species of *Baculites* (Ammonoidea) from the Cretaceous Izumi Group of Shikoku Tatsuro MATSUMOTO, Hisao HASHIMOTO, and Mitsunobu FURUICHI
 Communicated by Teiichi KOBAYASHI, M. J. A.
- Classification of a family of Abelian varieties parametrized by reduction modulo \mathfrak{p} of a Shimura curve Yasuo MORITA
- On certain numerical invariants of mappings over finite fields. I Takashi ONO
- On block-schematic Steiner systems $S(t, t+1, v)$ Mitsuo YOSHIZAWA
- On certain densities of sets of primes Leo MURATA
- Über die rationalen Nullstellen der von Potenzsummen der natürlichen Zahlen definierten Polynome Noriaki KIMURA and Hardmud SIEBERT
 Above five, communicated by Shokichi IYANAGA, M. J. A.
- Thermodynamics of small-amplitude conformational fluctuations in native globular proteins Nobuhiro Gō
 Communicated by Masao KOTANI, 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, President announced that Dr. Tsugimaro IMANAKA, M. J. A., had died on July 26, 1980; the members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Hiromi ARISAWA, M. J. A., and Dr. Masao MARUYAMA, M. J. A., paid a high tribute respectively to the late Dr. Hyoe OUCHI's and the late Dr. Masamichi ROYAMA'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, a report was made by Dr. Tatsuro YAMAMOTO, M. J. A., on his mission to the 45th Session of the International Union of Academies held in Bruxelles in June this year.

The Meeting adjourned at 5:00 p. m.

日本学士院紀要

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