PROCEEDINGS AT THE 791ST GENERAL MEETING

The 791st General Meeting of the Academy was held on Thursday, September 12, 1985, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety members were present, and the following communications were made:

The social significance of Jainism . . . . Hajime NAKAMURA, M. J. A.

Some reflections on capital punishment . . Shigemitsu DANDO, M. J. A.

Xanthophores on the surface of the midgut and the hindgut of the freshwater shrimp, *Caridina denticulata* . . . . . Takanori TSURUDA and Mitsuharu MIYAWAKI

Distamycin A-induced fragility on chromosome 16, Fra(16)(q22), in a Japanese population . . . . . Ei-ichi TAKAHASHI, Tada-aki HORI, and Motoi MURATA

Studies on the karyotype differentiation of the Norway rat. XIX. The fertility of specimens with the 11;Y translocation in the NIG-III strain rats . . . . . Tosihide H. YOSIDA and Takashi HAMADA

Studies on the karyotype differentiation of the Norway rat. XX. Anatomical configuration of the sexual organs in the males with the 11;Y translocation in the NIG-III strain rats . . . . Tosihide H. YOSIDA

Studies on the karyotype differentiation of the Norway rat. XXI. Histological examination of the testis in the 11;Y translocation males of the NIG-III strains rats . . . . . Tosihide H. YOSIDA

Breeding, genetics and cytogenetics of the soft-furred rat, *Millardia meltada*. VIII. Biologic and histologic properties of spontaneous mammary tumors in males . . . . . Akinori KOJIMA, Mutsushi MATSUYAMA, Yoshimi NISHI, Yasuaki NISHIZUKA, and Tosihide H. YOSIDA

Karyotypes and chromosome banding patterns of a rare loporid species, *Pentalagus furnessi* (Lagomorpha, Leporidae) . . . . . Masashi HARADA, Tosihide H. YOSIDA, Shosaku HATTORI, and Suehisa TAKADA

A chromosomal study on the 42 cases of the handicapped children . . . . . Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Yoshio NAMBA, and Masako NAEMURA

A heavy mentally retarded girl having pericentric inversion on no. 9 chromosome (inv(9)(p13q21)) . . Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Nami MATSUO, Hidetoshi KODAMA, and Setsuji KUBO

The effect of aclacinon on the X-ray response of radioresistant HeLa cells . . . . . Kihei KUBO, Soichiro KOIWAI, and Kazuo MORITA

Above ten, communicated by Sajiro MAKINO, M. J. A.

Occurrence of polyovular follicles in ovaries of mice treated neonatally with diethylstilbestrol . . . . . Taisen IGUCHI

Proliferation of normal mouse uterine luminal epithelial cells in serum-free collagen gel culture . . . . . Taisen IGUCHI, Francis-Dean A. UCHIMA, Patricia L. OSTRANDER, Susan T. HAMAMOTO, and Howard A. BERN

Above two, communicated by Kiyoshi TAKEWAKI, M. J. A.

On strong hyperbolicity for first order systems . . Tatsuo NISHITANI

A new formulation of local boundary value problem in the framework of hyperfunctions. III. Propagation of micro-analyticity up to the boundary . . . . . Toshinori ÔAKU

A note on Jacobi's generating function for the Jacobi polynomials . . . . . H. M. SRIVASTAVA
A characterization of almost automorphic functions . . . Jirō EGAWA
On a theorem of R. H. Martin on certain Cauchy problems for ordinary differential equations . . . . . Giovanni EMMANUELE
Local isometric embedding of two dimensional Riemannian manifolds into R_3 with nonpositive Gaussian curvature . . . Gen NAKAMURA
On Whittaker vectors for generalized Gelfand-Graev representations of semisimple Lie groups . . . . . Hiroshi YAMASHITA
Above seven, communicated by Kôsaku YOSIDA, M. J. A.
Radiocarbon ages of "exposed reef" at Minamitori-shima (Marcus Island), Central Pacific . . . . . Kenji KONISHI, Takeo TANAKA, and Akio OMURA
Communicated by Teiichi KOBAYASHI, M. J. A.
A late Permian trilobite from Yamaguchi Prefecture with a note on the contemporaneous trilobites in Eurasia . . . . . Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA
On the diffeomorphism types of elliptic surfaces . . . . Masaaki UE
On the numerically fixed parts of line bundles . . . Katsumi MATSUDA
A note on the mean value of the zeta and L-functions. I . . . . . Yoichi MOTOHASHI
Construction of certain vector valued Siegel modular forms of degree two . . . . . Takakazu SATOH
Above four, communicated by Kunihiko KODAIRA, M. J. A.
Non-equilibrium behavior of turbulent boundary layer flows. I. Method of analysis . . . . . Itiro TANI, M. J. A., and Tatsuo MOTOHASHI
Non-equilibrium behavior of turbulent boundary layer flows. II. Results of analysis . . . . . Itiro TANI, M. J. A., and Tatsuo MOTOHASHI
Sur la notion de fonction multiplicative et quelques problèmes qui lui sont associés . . . . . Jean-Loup MAUCLAIRE
A construction of Lie algebras and Lie superalgebras by Freudenthal-Kantor triple systems. I . . . . . Yoshiaki KAKIICHI
A valuational interpretation of Kummer's theory of ideal numbers . . . . . Norio ADACHI
Quadratic spline interpolation on a Jordan curve . . . . . Aruna CHAKRABARTI
Above four, communicated by Shokichi IYANAGA, M. J. A.
Chromosome condensation in HeLa cells induced by β-glycerophosphate . . . . . Shigeru YAMASHITA
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. Torajiro TAKAGAKI, M. J. A., had passed away on August 25, 1985; Dr. Takeshi MINAKAMI, M. J. A., on September 8, 1985. The Members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Shigejiro TABATA, M. J. A., paid a tribute of admiration to the late Dr. Ryôichi TAOKA's meritorious services to academic circles.

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

The Meeting adjourned at 4:55 p.m.

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