

PROCEEDINGS AT THE 822ND GENERAL MEETING

The 822nd General Meeting of the Academy was held on Wednesday, October 12, 1988, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty members were present, and the following communications were made:

- Self-regulation function and sign system activity in living systems. A specific mode of verbal sign system activity designed by a deaf-blind person Hachizo UMEZU, M. J. A.
- Effective stimulation parameters for the LTP formation in the superior colliculus slices from the Guinea pig Takaaki MIYAMOTO and Yasuhiro OKADA
- Tonotopic representation in the rat auditory cortex Junsei HORIKAWA, Susumu ITO, Yutaka HOSOKAWA, Tomoo HOMMA, and Keiichi MURATA
- Above two, communicated by Yasuji KATSUKI, M. J. A.
- Production and chromosomal features of triploid hybrids between *Rhodeus ocellatus ocellatus* and *Acheilognathus limbatus* (Cyprinidae, Pisces) Yoshio OJIMA, Akinori TAKAI, and Kazuhiro YAMAMOTO
- Chromosomal distribution of nucleolus organizer regions in six species of Rhodeinae (Cyprinidae, Pisces). Akinori TAKAI and Yoshio OJIMA
- Establishment of cell lines from human osteosarcoma Kihei KUBO, Mitsuo SHIDOU, Soichiro KOIWAI, and Kazuo MORITA
- Cheyletid mites associated with plants in the Malay Peninsula, with description of a new species (Acarina: Cheyletidae) Shôzô EHARA and ABDUL GHANI Ibrahim
- Effects of puromycin on the differentiation of hatching gland cells in amphibian embryos Eiji OHZU
- A cytogenetic study of fragile sites on Down's syndrome Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, Toshio KUMADA, and Osamu TOI
- A study on the fragile sites in aged woman and comparison with newborn . . . Tetsuji KADOTANI, Yoko WATANABE, and Noriko KUROSAKI
- Above seven, communicated by Sajiyo MAKINO, M. J. A.
- Structural operators for linear delay-differential equations in Hilbert space Hiroki TANABE
- Counting points in a small box on varieties . . . Masahiko FUJIWARA
- On pathwise projective invariance of Brownian motion. II Shigeo TAKENAKA
- Sur les solutions élémentaires des opérateurs linéaires aux différences à coefficients constants possédant les termes infinis dépendant du paramètre Mamoru SAWADA
- On the isomonodromic deformation of certain Pfaffian systems associated to Appell's system (F_2), (F_3) Keiichi NAKAMURA
- Some oscillation criteria for second order nonlinear ordinary differential equations with damping Yutaka NAGABUCHI and Minoru YAMAMOTO
- Above six, communicated by Kôsaku YOSIDA, M. J. A.
- Acute effects of carbon monoxide on cerebral pH and energy metabolism

studied by non-invasive phosphorus-31 NMR
 Hisateru MITSUDA, M. J. A., Yasuyoshi
 AZUMA, Yasuaki KAWASAKI, Kunpei KAWATA, and Fumio KAWAI
 On complexes in a finite abelian group. II
 Tamás SZŐNYI and Ferenc WETTL
 On generalization of G_δ diagonal and metrization . . . G. R. HIREMATH
 A note on E -direct and S -inverse systems
 Bhavanari SATYANARAYANA
 Zeta zeros and Dirichlet L -functions. II Akio FUJII
 A cohomological construction of Swan representations over the Witt
 ring. I Osamu HYODO
 On the group of units of an abelian extension of an algebraic number
 field Yoshitaka ODAI
 Above six, communicated by Shokichi IYANAGA, M. J. A.
 Discovery of a Podocarpaceous plant from the Lower Cretaceous of
 Kochi Prefecture, in the outer zone of southwest Japan
 Tatsuaki KIMURA, Tamiko OHANA, and Kenji MIMOTO
 Late Jurassic plants in the Outer Zone of Northeast Japan
 Tatsuaki KIMURA, Tamiko OHANA,
 Hideo TAKIMOTO, Ken IKEHARA, Hiroaki AIBA, and Hiroyuki FURUOYA
Lobatannularia nampoensis (Kawasaki) Kawasaki from the Upper Tri-
 assic Baegunsa Formation, Nampo Group, Korea
 Jong Heon KIM and Tatsuaki KIMURA
 Above three, communicated by Teiichi KOBAYASHI, M. J. A.
 The period map of a 4-parameter family of $K3$ surfaces and the Aomoto-
 Gel'fand hypergeometric function of type (3, 6)
 Keiji MATSUMOTO, Takeshi SASAKI, and Masaaki YOSHIDA
 The Sylvester's law of inertia for Jordan algebras . . Soji KANEYUKI
 Above two, communicated by Kunihiko KODAIRA, 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. Kenjiro KIMURA, M. J. A., had passed away on October 12, 1988. The members rose from their seats in silence, expressing profound sense of grief.

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

Then, it was submitted to elect Dr. Philip Warren ANDERSON to the Honorary Membership of the Academy on the recommendation of Section II. This was approved unanimously.

The Meeting adjourned at 4:50 p.m.

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