

PROCEEDINGS AT THE 773RD GENERAL MEETING

The 773rd General Meeting of the Academy was held on Saturday, November 12, 1983, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-four members were present, and the following communications were made:

- Comparison between English and Japanese basic grammatical structures Fumio NAKAJIMA, M. J. A.
 The Rt. Non. Load Denning M. R. Sanji SUENOBU, M. J. A.
 On rational similarity solutions of KdV and m-KdV equations . . .
 Yoshinori KAMETAKA
 Boundary value problems for some degenerate elliptic equations of second order Hirozo OKUMURA
 Representation of the generator and the boundary condition for semi-groups of operators of kernel type Tadashi UENO
 On the structure of solutions to the self-dual Yang-Mills equations .
 Kanehisa TAKASAKI
 Generalized splitting theorem for map-germs . . . Fumio ICHIKAWA
 A counterexample to a problem on commuting matrices
 Jiro SEKIGUCHI
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
 Determination of the sex chromosome in a sex reversed peacock and its karyotype Tosihide
 H. YOSIDA, Masayasu Y. WADA, Yohei SAKAI, and Norio KONDO
 Karyotype of a Ceylonese type black rat with several chromosome alterations born after γ -irradiations Tosihide H. YOSIDA
 Two sibs with regular trisomy 21 from the parents with the normal karyotype Tetsuji KADOTANI and Yoko WATANABE
 Above three, communicated by Sajiyo MAKINO, M. J. A.
 Isolation and regeneration of protoplasts from cultures derived from the spermatogonial state of *Gymnosporangium asiaticum*
 Yasuyuki TETSUKA and Keizo KATSUYA
 Communicated by Naohide HIRATSUKA, M. J. A.
 The grand Butsuzo overthrust
 Toshio KIMURA and Akihiro MURATA
 Communicated by Teiichi KOBAYASHI, M. J. A.
 On the Silurian cephalopod faunule from Mt. Yokokura, Kochi Prefecture, Shikoku, Japan Teiichi KOBAYASHI, M. J. A.
 Characterization of muscarinic acetylcholine receptors as glycoproteins .
 Hitoshi YAGISAWA, Shunichi YAMAGISHI, and Hiroyuki SUGIYAMA
 The retinal nerve fibers in the primate optic nervehead
 D. Takao RYU and Don S. MINCKLER
 Above two, communicated by Setsuro EBASHI, M. J. A.
 Some properties and N-terminal sequence of plastocyanin of the carrot, *Daucus carota* . . Yasutomo SUGIMURA, Tadashi HOSHINO, Akihiko KARAHASHI, Fuminori YOSHIZAKI, and Masami SHIMOKORIYAMA
 Communicated by Noburô KAMIYA, M. J. A.
 On geodesic with the same angle Tetsunori KUROGI

- Geometry of Yang-Mills connections over a Kähler surface
- Mitsuhiro ITO
- On quartic surfaces and sextic curves with certain singularities
- Tohsuke URABE
- Above three, communited by Kunihiro KODAIRA, M. J. A.
- On powers of the denominators of rationals Chiaki NAGASAKI
- On q -additive functions. II J.-L. MAUCLAIRE and Leo MURATA
- There are no transitive Anosov diffeomorphisms on negatively curved manifolds Koichi YANO
- Fundamental theorems in global knot theory. I Itiro TAMURA
- Above four, communicated by Shokichi IYANAGA, M. J. A.
- An extremely high rate of deleterious viability mutations in *Drosophila* possibly caused by transposons in non-coding regions
- Terumi MUKAI and Kenji YUKUHIRO
- Communicated by Motoo KIMURA, 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, Chairmen of both Sections made reports on the matters dealt with at the respective Sectional Meetings.

Next, it was submitted to elect Prof. Dr. James Franklin Crow to the Honorary Membership of the Academy of the recommendation by Section II. This was approved unanimously.

The Meeting adjourned at 5 : 00 p.m.

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