

PROCEEDINGS AT THE 723rd GENERAL MEETING

The 723rd General Meeting of the Academy was held on Monday, November 13, 1978 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Ninety-three members were present, and the following communications were made:

- Hölderlins Christushymnen Tomio TEZUKA, M. J. A.
 Recent disputes and law in religious corporation
 Tomohei TANIGUCHI, M. J. A.
 An established lung cancer cell line producing colony-stimulating activity Nobuhiro KIMURA, Yoshiyuki NIHO, Junko ONO, Nariaki MIYAMOTO, Tsunefumi SHIBUYA, and Ryozauro TAKAKI
 Communicated by Kenji YAMAOKA, M. J. A.
 Studies on holonomic quantum fields. IX. Michio JIMBO
 Convergence and approximation of integral solutions of non-linear evolution equations Michiaki WATANABE
 Vanishing theorems of cohomology groups with coefficients in sheaves of holomorphic functions with bounds. Yutaka SABURI
 Some properties of non-commutative multiplication rings
 Takasaburo UKEGAWA
 Remarks on the existence of finite invariant measures for groups of measurable transformations Kokichi SAKAI
 Sylow subgroups in a pair of locally finite groups
 A. RAE and Z. H. SYED
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
 Parallel vector fields and the Betti number
 Yosuke OGAWA and Shun-ichi TACHIBANA
 A residue formula for Chern classes associated with logarithmic connections Makoto OTSUKI
 An extendability criterion for vector bundles on ample divisors
 Yoichi MOTOHASHI
 Above four, communicated by Kunihiko KODAIRA, M. J. A.
 Studies on the "sugary flavor" of raw cane sugar. I
 Etsuko ABE, Yoichi NAKATANI, Tei YAMANISHI, and Shigeru MURAKI
 Communicated by Sankichi TAKEI, M. J. A.
 The triassic Akiyoshi Orogeny in Japan and Southeast Asia
 Teiichi KOBAYASHI, M. J. A.
 An early Wisconsin reef on the Daito Ridge, North Philippine Sea. Isotopic evidences
 Kenji KONISHI, Kazuhisa KOMURA, and Yoshinori MOTOYA
 Communicated by Teiichi KOBAYASHI, M. J. A.
 A new Robertsonian fusion of chromosomes found in a black rat from Sapporo Tosihide H. YOSIDA
 The control of growth and development in *Bombyx mori*. XL. Inhibition of the corpus cardiacum activity by the hormone from tritocerebrum neurosecretory cells occurring in the hindbrain
 Seijiro MOROHOSHI and Jun SHIMADA
 A case of partial trisomy for the long arm of the X chromosome
 Tetsuji KADOTANI, Takashi KATANO, Shigeki TAKEUCHI, Motochiyo MURAKAMI, and Yoko WATANABE

- A further cytogenetic study of hydatidiform mole, with reference to its androgenetic Origin
 Norio WAKE, Yoshihiro SHIINA, and Kihyoe ICHINOE
 Above four, communicated by Sajiro MAKINO, M. J. A.
- Non-destructive $^{226}\text{Ra}/^{238}\text{U}$ dating of quaternary corals by Gamma-spectrometry
 . . . Kazuhisa KOMURA, Masanobu SAKANOUÉ, and Kenji KONISHI
 Communicated by Kenjiro KIMURA, M. J. A.
- A radioimmunoassay for thromboxane B_2 with thromboxane B_2 - ^{125}I -tyramide
 Hideki KOH, Atsuo INOUE, Fujio NUMANO, and Hidenori MAEZAWA
- Time-resolved X-ray diffraction from frog skeletal muscle during an isotonic twitch under a small load
 Haruo SUGI, Yoshiyuki AMEMIYA, and Hiroo HASHIZUME
- Electrical phenomenon in rabbit papillary muscle during Ba^{++} -induced contracture
 . . . Yasutake SAEKI, Kouichi SHIOZAWA, and Keiji YANAGISAWA
 Above three, communicated by Yasuji KATSUKI, M. J. A.
- Isolation and structure determination of a mutagenic substance in L-lisine pyrolysate
 Keiji WAKABAYASHI, Kuniro TSUJI, Takuo KOSUGE, Kei TAKEDA, Kentaro YAMAGUCHI, Koichi SHUDO, Toichi IITAKA, Toshihiko OKAMOTO, Takie YAHAGI, Minako NAGAO, and Takashi SUGIMURA
 Communicated by Hamao UMEZAWA, 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 Chairmen of both Sections made reports on the matters dealt with at the Sectional Meetings.

Then, the recommendations for the new Membership of the the Academy, submitted by the Selection Committees of both Sections were accepted with unanimity. The new members are:

Section I: Masao MARUYAMA.

Section II: Masao OTSUKI, Hiroshi SAWAMURA, Shokichi IYANAGA, and Setsuro EBASHI.

The Meeting adjourned at 4:42 p.m.

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