

## PROCEEDINGS AT THE 794TH GENERAL MEETING

The 794th General Meeting of the Academy was held on Thursday, December 12, 1985, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-three members were present, and the following communications were made:

- On tyrannicide in classical antiquity . . . Kentarô MURAKAWA, M. J. A.  
 Land disputes concerning shrine, temple and community . . . . .  
 . . . . . Tomohei TANIGUCHI, M. J. A.  
 On a problem of R. Brauer on zeta-functions of algebraic number fields  
 . . . . . Ken-ichi SATO  
 A note on the spaces of self homotopy equivalences for fibre spaces . .  
 . . . . . Tsuneyo YAMANOSHITA  
 On some class number relations for Galois extensions . . Takashi ONO  
     Above three, communicated by Shokichi IYANAGA, M. J. A.  
 A note on the mean value of the zeta and  $L$ -functions. II . . . . .  
 . . . . . Yoichi MOTOHASHI  
 The number of embeddings of integral quadratic forms. I . . . . .  
 . . . . . Rick MIRANDA and David R. MORRISON  
 Jacobian rings of hypersurfaces of compact irreducible Hermitian sym-  
 metric spaces and generic Torelli theorem . . . . Masa-Hiko SAITO  
     Above three, communicated by Kunihiro KODAIRA, M. J. A.  
 Chromosomal polymorphisms in the Biwa Trout (*Salmonidae*) with an  
 increase or decrease in constitutive heterochromatin . . . . .  
 . . . . . Takayoshi UEDA, Yoshio OJIMA, and Kenji NAKA  
 Growth inhibitory and cytotoxic action of rabbit tumor necrosis factor  
 against bovine capillary endothelial cells *in vitro* . . . . .  
 . . . . . Noboru SATO, Yoshio SAWASAKI, Katsuyuki  
 HARANAKA, Nobuko SATOMI, Hideo NARIUCHI, and Tamotsu GOTO  
 A chromosomal study on the 56 cases of cerebral palsy . . . . .  
 . . . . . Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Yoshio  
 NAMBA, Masako NAEMURA, Hidetoshi KODAMA, and Setsuji KUBO  
 Cytogenetical studies on the Japanese raccoon dog. XII. A possible re-  
 lation between the karyotypes of the Japanese and European speci-  
 mens . . . . . Tosihide H. YOSIDA and Masayasu Y. WADA  
     Above four, communicated by Sajiro MAKINO, M. J. A.  
 Glutamate-pyruvate transaminase (GPT) polymorphism detected in  
 human urine by isoelectric focusing . . . . .  
 . . . . . Koichiro KISHI, Toshihiro YASUDA, and Reiko IIDA  
     Communicated by Shoei ISEKI, M. J. A.  
 On some algebraic differential equations with admissible algebroid so-  
 lutions . . . . . Nobushige TODA and Masakimi KATO  
 Stability theorem for singularly perturbed solutions to systems of re-  
 action-diffusion equations . . Yasumasa NISHIURA and Hiroshi FUJII  
 A stochastic differential equation arising from the vortex problem . .  
 . . . . . Hirofumi OSADA  
 On the compactness criterion for probability measures on Banach spaces  
 . . . . . Jun KAWABE  
 Infinitely many periodic solutions for a superlinear forced wave equation  
 . . . . . Kazunaga TANAKA  
 Une justification mathématique pour l'équation de Korteweg-de Vries

- approchant des ondes longues de surface de l'eau . . . . .  
 . . . . . Tadayoshi KANO et Takaaki NISHIDA  
 Above six, communicated by Kôzaku YOSIDA, M. J. A.  
 Histochemical localization of prostaglandin synthetase in the rat endo-  
 metrium with reference to decidual cell reaction . . Yasuhiko OHTA  
 Communicated by Kiyoshi TAKEWAKI, M. J. A.  
 Transcriptional step is necessary for induction of pathogenesis-related  
 proteins . . Makoto MATSUOKA, Sadamitsu ASOU, and Yuko OHASHI  
 Communicated by Naohide HIRATSUKA, M. J. A.  
 Influence of monovalent anions on the formation of rhombohedral boron  
 nitride, rBN . . . . . Tadao SATO  
 Communicated by Ryoichi SADANAGA, M. J. A.  
 Requirement of Fe ion for activation of RNA polymerase . . . . .  
 . . . . . Akiko SHOJI and Eijiro OZAWA  
 Ca<sup>2+</sup>-binding light chain of *Physarum* myosin confers inhibitory Ca<sup>2+</sup>-  
 sensitivity on actin-myosin-ATP interaction via actin . . . . .  
 . . . . . Kazuhiro KOHAMA,  
 Taro Q. P. UYEDA, Hiromi TAKANO-OHMURO, Takeshi TANAKA,  
 Toshikazu YAMAGUCHI, Kei MARUYAMA, and Tomoko KOHAMA  
 Actin-linked regulation in scallop striated muscle . . . Yoichi YAZAWA  
 Above three, communicated by Setsuro EBASHI, M. J. A.  
 Reverse transcriptase-containing DNA viruses and plasmids lack inte-  
 grase . . . . . Takashi MIYATA, Hiroyuki TOH, and Kaoru SAIGO  
 Communicated by Motoo KIMURA, M. J. A.

Before the communication of papers, the Chairmen of each Section introduced the following newly elected members:

Section I: Makoto MEKADA, Kiyooki TSUJI, Ryuichiro TACHI.

Section II: Yoshio KATO, Kazuo OKUNUKI, Syûzô SEKI, Masanao MATSUI, Masasumi MIYAKAWA, Tsuneo TOMITA.

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. Juichi KATSURA, M. J. A., had passed away on November 20, 1985. The members rose from their seats in silence, expressing profound sense of grief.

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

The Meeting adjourned at 4:15 p.m.

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