

## PROCEEDINGS AT THE 722nd GENERAL MEETING

The 722nd General Meeting of the Academy was held on Thursday, October 12, 1978 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-five members were present, and the following communications were made:

- Is here in Japan any long poem of a grand scale? . . . . . Takeshi SAITO, M. J. A.
- On Schumpeter's theory of economic development . . . . . Ichiro NAKAYAMA, M. J. A.
- Synthesis of serum very low density lipoprotein in rats fed a low whole egg protein diet . . . . Kazumi YAGASAKI and Masao KAMETAKA  
Communicated by Sankichi TAKEI, M. J. A.
- Some genetic analysis of supernumerary chromosomes in the black rat in laboratory matings . . . . . Tosihide H. YOSIDA
- Two new species of phytoseiid mites from Hokkaido (Acarina: Phytoseiidae) . . . . . Shôzô EHARA
- Silver staining for the analysis of rearrangements of human acrocentric chromosomes . . . . . Tatsuo ABE, Keiichi KAWAI, Shinichi MISAWA, and Yasuo NAKAGOME
- Vascular architecture of the endometrium in early pseudopregnancy of the rabbit . . . . Hiroyoshi NINOMIYA and Tsunenori NAKAMURA
- Chromosomal studies on interspecific hybrids of butterflies (Papilionidae, Lepidoptera). XII. Crosses among *Papilio aegaeus*, *P. fuscus*, *P. protenor*, *P. macilentus*, and *P. lowi* . . Kodo MAEKI and Shigeru A. AE  
Above five, communicated by Sajiro MAKINO, M. J. A.
- The Hadamard variational formula for the Green functions of some normal elliptic boundary value problems . . . . . Daisuke FUJIWARA and Shin OZAWA
- Studies on holonomic quantum fields. VIII . . . . . Mikio SATO, Tetsuji MIWA, and Michio JIMBO
- Holomorphic continuation of solutions of degenerate partial differential equations in two variables . . . . . Yoshimichi TSUNO
- Absolute continuity of probability laws of Wiener functionals . . . . Ichiro SHIGEKAWA
- Remarks on the preservation of uniform stability from a linear system to its perturbed system . . . Hiroshi FURUNO and TADAYUKI HARA
- Closedness of  $q$ -ideals in a compact and totally disconnected semigroup . . . . . Katsumi NUMAKURA  
Above six, communicated by Kôsaku YOSIDA, M. J. A.
- A complex analogue of the generalized Minkowski problem. II . . . . . Mikio ISE
- On equations defining abelian varieties and modular functions . . . . . Shoji KOIZUMI
- A generalization of local class field theory by using  $K$ -groups. II . . . . Kazuya KATO
- Amida-diagrams and Seifert matrices of positive iterated torus knots . . . . . Makoto YAMAMOTO  
Above four, communicated by Kunihiko KODAIRA, M. J. A.
- Structure of mugineic acid, a new amino acid possessing an iron-chelating activity from roots washings of water-cultured *Hordeum vulgare* L.

- . . . . . Tsunematsu TAKEMOTO, Kyosuke  
 NOMOTO, Shinji FUSHIYA, Reiko OUCHI, Genjiro KUSANO, Hiroshi  
 HIKINO, Sei-ichi TAKAGI, Yoshiki MATSUURA, and Masao KAKUDO  
 Communicated by Kyosuke TSUDA, M. J. A.
- Depression of slow inward current by acetylcholine in mammalian  
 ventricular muscle . . . . . Rikuo OCHI and Naoki HINO
- Relationship between morphological change and electrical activity of  
 longitudinal muscle layer of the rat myometrium following ovariectomy  
 and hormonal treatment . . . . . Shuji KANDA
- Olfactory responses of the lateral hypothalamic neurons to stomach  
 distension in unanesthetized rabbits . . . . .  
 . . . . . Shinichi KOGURE, Norihiko ONODA, and Sadayuki F. TAKAGI
- Fast and slow inhibitory postsynaptic potentials in the piriform cortex  
 neurons . . . . .  
 . . . . . Kensaku MORI, Masahiko SATOU, and Sadayuki F. TAKAGI
- Characteristics of human platelet insulin receptor . . . Isao UCHIMURA,  
 Tetsuo WAKABAYASHI, Nobuaki MASHIMO, and Hidenori MAEZAWA
- Plastic reorganization in the inferior colliculus of the immature mouse  
 studied by [<sup>14</sup>C]deoxyglucose method . . . . .  
 . . . . . Ikuo TANIGUCHI and Nozomu SAITO
- Above six, communicated by Yasuji KATSUKI, M. J. A.
- Stepwise genetic transformation of *Bacillus subtilis* with enhancement  
 of productivity of  $\alpha$ -amylase . . . . . Bunji  
 MARUO, Kunio YAMANE, Yuko YONEDA, and Kazumasa HITOTSUYANAGI  
 Communicated by Hiroshi TAMIYA, M. J. A.
- Pseudolarix nipponica* sp. nov., from the palaeogene Noda group, North-  
 east Japan . . . . . Tatsuaki KIMURA and Junji HORIUCHI  
 Communicated by Teiichi KOBAYASHI, 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, Dr. Takayuki SOMIYA, M.J.A., paid a high tribute to the late Dr. Hideo NISHIMURA's meritorious services to the academic circles.

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

The Meeting adjourned at 4 : 40 p.m.

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