

PROCEEDINGS AT THE 712TH GENERAL MEETING

The 712th General Meeting of the Academy was held on Wednesday, October 12, 1977 at 1:05 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-one members were present, and the following communications were made:

- On the bibliography of writings on bullion controversy in England, 1797-1824 Torajiro TAKAGAKI, M. J. A.
- On the crisis of sociology Masamichi SHIMMEI, M. J. A.
- A family study of idiopathic cardiomyopathy . . Masaya YAMAGUCHI, Hironori TOSHIMA, Toshiyuki YANASE, Hideo IKEDA, Yoshinori KOGA, Haruki YOSHIOKA, Morio ITO, Takehiko FUJINO, and Hideo YASUDA
Communicated by Kenji YAMAOKA, M. J. A.
- Studies on holonomic quantum fields. II Mikiyo SATO, Tetsuji MIWA, and Michio JIMBO
- Studies on holonomic quantum fields. III Mikiyo SATO, Tetsuji MIWA, and Michio JIMBO
- Three-dimensional Dirichlet problem for the Helmholtz equation for an open boundary Yoshio HAYASHI
- Nonlinear evolution equations with variable domains in Hilbert spaces Nobuyuki KENMOCHI
- Sur une condition suffisante pour que le problème de Cauchy faiblement hyperbolique soit bien posé. Keiichiro KITAGAWA et Takashi SADAMATSU
- Jackson-type estimates for monotone approximation Kiichi ISHISAKI
Above six, communicated by Kôzaku YOSHIDA, M. J. A.
- Voltage clamp studies of the hyperpolarizing inactivation in intestinal smooth muscle cell Hachiro INOMATA and Taizo SUZUKI
Communicated by Yasuji KATSUKI, M. J. A.
- A cytogenetic survey of consecutive liveborns Tohru MAEDA
- The control of growth and development in *Bombyx mori*. XXXIX.
Axonal pathways between the cerebral neurosecretory cells and the retrocerebral complex in *Bombyx mori* Seiji MOROHOSHI, Toshikazu OSHIKI, and Imaji KIKUCHI
Above two, communicated by Saji MAKINO, M. J. A.
- Periods of primitive forms Kazuyuki HATADA
- An arithmetical application of elliptic functions to the theory of cubic residues Mutsuo WATABE
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 Chairmen of both Sections made reports on the matters dealt with at the Sectional Meetings.

Then, a report was made by Dr. Tatsuro YAMAMOTO, M. J. A., on his mission to the 51st Session of the International Union of Academies

held in Athens in June this year.

Finally, the election of the President for the coming term took place; and Dr. Kiyoo WADATI was re-elected.

The Meeting adjourned at 4:30 p.m.

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