

PROCEEDINGS AT THE 728TH GENERAL MEETING

The 728th General Meeting of the Academy was held on Thursday, April 12, 1979 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Ninety-two members were present, and the following communications were made:

- Śaṅkara, his opinion of Brahman and Ātman
 Yensho KANAKURA, M. J. A.
- Zivilvollstreckungsordnung
 Tsunahiro KIKUI, M. J. A.
- A contribution to the chromosome study in Japanese mammals
 Kimiyuki TSUCHIYA
- Chromosomal studies on interspecific hybrids of butterflies (Papilionidae,
 Lepidoptera). XIV. Crosses among *Papilio alphenor*, *P. polytes*, *P.*
protenor, *P. helenus*, *P. memnon*, and *P. nepheles*
 Kodo MAEKI and Shigeru A. AE
- Electron microscopic study on the initial effect of γ -irradiation on the
 chromatin structure of L cells
 Takashi KONDO, Yuh H. NAKANISHI, and Giichi YOSHII
- Thin deoxyribonucleoprotein fibers revealed by gamma-irradiation . . .
 Yuh H. NAKANISHI
- Above four, communicated by Sajiro MAKINO, M. J. A.
- Studies on holonomic quantum fields. XIII
 Michio JIMBO and Tetsuji MIWA
- The eigenvalues of the Laplacian and perturbation of boundary condi-
 tion Shin OZAWA
- The spectrum of the Laplacian and smooth deformation of Riemannian
 metric Masao TANIKAWA
- A theorem of Helson and Sarason in uniform algebras
 Yoshiki OHNO and Kimizo YABUTA
- On the unique maximal idempotent ideals of non-idempotent multiplica-
 tion rings Takasaburo UKEGAWA
- Micro-local Cauchy problems and local bounday value problems . . .
 Toshinori ÔAKU
- Above six, communicated by Kôzaku YOSIDA, M. J. A.
- On the spectra of Laplace operator on $A^*(S^n)$
 Ichiro IWASAKI and Kiyoshi KATASE
- Family of varieties dominated by a variety . . . Kazuhisa MAEHARA
- On plane rational curves Hisao YOSHIHARA
- Above three, communicated by Kunihiko KODAIRA, M. J. A.
- On the Carboniferous trilobite provinces
 Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA
- Carboniferous bryozoan biostratigraphy of the Akiyoshi Limestone
 Group, Japan Sumio SAKAGAMI and Akihiro SUGIMURA
- High mountain morphology of Daisetsu and Hidaka, Hokkaido . . .
 Shoji HORIE
- Above two, communicated by Teiichi KOBAYASHI, M. J. A.
- Characterization of colony-stimulating activity in a medium condi-
 tioned by a CSA producing cell line
 Nobuhiro KIMURA, Yoshiyuki NIHO, and Toshiyuki YANASE

- Studies on hemoglobin metabolism. IV. Intrahepatocellular site of the globin-haptoglobin degradation after intravenous administration of hemoglobin-haptoglobin complex to the rats Yumi HIGA, Kohsuke KINO, Satoru OSHIRO, Ayumi KAWASE, Hajime TSUNOO, and Hiroshi NAKAJIMA
- Studies on bilirubin metabolism. V. On the correlation between the decreased excretion of bilirubin conjugate "C" into the bile and the occurrence of hyperbilirubinemia Tokio YAMAGUCHI, Nobuko YAMAGUCHI, Toshifumi KONDO, Kazuo KUCHIBA, Kiyoshi ISHIDA, Masayuki YAMAOKA, Ryunosuke MIYAZAKI, Hironao MOMOI, and Hiroshi NAKAJIMA
- Above three, communicated by Kenji YAMAOKA, M. J. A.
- Organogeochemical studies of a 200-meter core sample from Lake Biwa. V. Racemization of amino acids in the sediments determined by gas-liquid chromatography. . Nobuyuki TANAKA and Nobuhiko HANDA
- Communicated by Kenjiro 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, President announced that Dr. Toshio NISHIHARA, M. J. A., had died on March 12, 1979 and Dr. Paul DEMIEVILLE, Honorary Member, on March 23, 1979. The Members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Ryusho HIKATA, M. J. A., paid a high tribute to the late Dr. Kiyoto FURUNO's meritorious services to the academic circles.

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

Finally, decision were made upon the recommendations of recipients of prizes for this year as follows:

Imperial Prize and Academy Prize to:

Yoshihide KOZAI for "Study of Motions of Saturnian Satellites, Artificial Satellites, and Asteroids"

Academy Prizes to:

Kōichirō TAKASE for "A Study on the Christian Century in Japan"

Taketoshi SATŌ for "A Study on Ancient Chinese Silks"

Hisashi SATO for "Studies in the Historical Geography of Tibet"

Yoshio KAWAKITA for "The Historical Basis of Modern Medicine"

Hiroshi INOSE for "Studies on "Time Slot Interchange" in PCM (Pulse Code Modulation) Integrated Communication Systems"

Kei ARIMA for "Studies on Industrial Utilization of Microorganisms"

Toshio ITO for "Studies on the Fat-Storing Cells of the Liver"

Tomoji SUZUKI for "Protein Chemistry on Kinin System and its Control Mechanism"

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The Meeting adjourned at 4:30 p.m.

日本学士院紀要

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