

PROCEEDINGS AT THE 729TH GENERAL MEETING

The 729th General Meeting of the Academy was held on Saturday, May 12, 1979 at 1:05 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-eight members were present, and the following communications were made:

- Exceptions to sound laws. A case of contribution to the study of the Ryukyuan cultural history Shirô HATTORI, M. J. A.
 Max Weber and G. Myrdal on policy Yuzo YAMADA, M. J. A.
 Novel sterylglucosides. Cellotetraosyl sitosterol and cellopentaosyl sitosterol in rice grain Yasuhiko FUJINO and Masao OHNISHI
 Communicated by Sankichi TAKEI, M. J. A.
 Interaction between the drift current and the slope current. II Koji HIDAHA, M. J. A.
 A comparative study on radiosensitivity of neonatal ducks and chickens . . . Yuh H. NAKANISHI, Kenji OGATA, and Makoto SUGIMURA
 Some ecological observations of *Rana ishikawae*, a rare frog endemic to the Ryukyu Islands Yasuaki UTSUNOMIYA, Taeko UTSUNOMIYA, and Seiki KATSUREN
 Regression of Ehrlich ascites tumor in mice immunized by interspecific hybrid cells Michihiro C. YOSHIDA
 Above three, communicated by Sajiro MAKINO, M. J. A.
 Studies on holonomic quantum fields. XIV Michio JIMBO and Tetsuji MIWA
 A version of the central limit theorem for martingales Shigeru TAKAHASHI
 Note on certain nonlinear evolution equations of second order Yoshio YAMADA
 Perturbation of domains and Green kernels of heat equations. II Shin OZAWA
 Probabilistic construction of the solution of some higher order parabolic differential equation Tadahisa FUNAKI
 A remark on the Hadamard variational formula Daisuke FUJIWARA
 Above six, communicated by Kôsaku YOSIDA, M. J. A.
 Poles of instantons and jumping lines of algebraic vector bundles on P^3 Motohico MULASE
 A note on Siegel's zeros Yoichi MOTOHASHI
 A counter example of ampleness of positive line bundles Takeo OHSAWA
 Above three, communicated by Kunihiko KODAIRA, M. J. A.
 B_m , a rare variant of blood group B. Report of a family Yoshihiro TAMAKI, Tasuku TOYOMASU, Kimio TAKEI, Kenichiro TATE, Shigeto SATO, Minoru IMBE, Kazushige SHIBATA, Tamotsu OGATA, Shiro KOTO, and Hideo MATSUMOTO
 Communicated by Shoei ISEKI, M. J. A.
 Identification of a C_{26} -sterol in urine and serum of patient with congenital adrenal hyperplasia Nobuo IKEKAWA, Yoshinori FUJIMOTO, Masaji ISHIGURO, Seizo SUWA, Yasuko HIRAYAMA, and Hiroshi MIZUNUMA
 Communicated by Kyosuke TSUDA, 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. Ryozo NIIZEKI, M. J. A., had died on April 27, 1979 and Dr. Genichi KATO, M. J. A., on May 1, 1979; the Members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Takayuki SOMIYA, M. J. A., paid a high tribute to the late Dr. Toshio NISHIHARA'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, it was submitted to elect Professor Dr. Henri Cartan, *Membre de l'Académie des Sciences, l'Institut de France*, to the Honorary Membership of the Academy on the recommendation by Section II. This was approved unanimously.

The Meeting was adjourned at 4:30 p.m.

日本学士院紀要

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