

PROCEEDINGS AT THE 758TH GENERAL MEETING

The 758th General Meeting of the Academy was held on Monday, April 12, 1982, at 1:00 pm., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-nine members were present, and the following communications were made:

- The peoples and their religions of Central Asia before the 9th century Ryusho HIKATA, M. J. A.
- Das Schiedsgerichtswesen in Meiji und Taisho Tsunahiro KIKUI, M. J. A.
- A chromosome Study on the congenital defectives and their relatives seeking genetic advices Tetsuji KADOTANI, Yoko WATANABE, Takashi KATANO, and Ichiro TAKEMURA
- Chromosomal polymorphisms in interspecific hybrids of deer between *Cervus nippon nippon* and *C. yezoensis* Hende Yoh-ichi MIYAKE, Hiroshi KANAGAWA, and Masao KOSUGE
- G-banding analysis of the stemline chromosomes of the Usubuchi sarcoma around the 2000th transfer generation Yoshitaka OBARA, Masao SASAKI, Yoshiro SHIBASAKI, and Masako OKUBO
- Some factors controlling attachment of guinea pig spermatozoa to zona pellucida Thomas T. F. HUANG and Ryuzo YANAGIMACHI
- Above four, communicated by Sajiro MAKINO, M. J. A.
- Colony specificity in the compound ascidian, *Botryllus scalaris* Yasunori SAITO and Hiroshi WATANABE
- Communicated by Kiyoshi TAKEWAKI, M. J. A.
- Potential theory and eigenvalues of the Laplacian Shin OZAWA
- Sharpness of parametrices for strictly hyperbolic operators Haruki YAMADA
- A cyclic vector in the tensor product of irreducible representations of compact groups Nobuhiko TATSUUMA
- A perturbation theory for abstract evolution equations of second order Michiaki WATANABE
- Uniqueness and non uniqueness in the Cauchy problem for a class of operators of degenerate type Shizuo NAKANE
- The probabilistic treatment of phase separations in Ising model with free boundary condition Koji KURODA
- The exponential calculus of microdifferential operators of infinite order. II Takashi AOKI
- Above seven, communicated by Kôsakû YOSIDA, M. J. A.
- Curvature and stability of vector bundles Shoshichi KOBAYASHI
- On totally geodesic hermitian symmetric submanifolds of Kähler manifolds Kazufumi NAKAJIMA and Yutaka SE-ASHI
- Above two, communicated by Kunihiko KODAIRA, M. J. A.
- Construction of integral basis. IV Kôsakû OKUTSU
- On the Stickelberger ideal and the relative class number Tatsuo KIMURA and Kuniaki HORIE
- On the convergence of $\sum_{n=1}^{\infty} n^{-\alpha} \sin(n\theta)$ Minoru AKITA and Takeshi KANO
- Above three, communicated by Shokichi IYANAGA, M. J. A.