

## PROCEEDINGS AT THE 731ST GENERAL MEETING

The 731st General Meeting of the Academy was held on Wednesday, September 12, 1979 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-eight members were present, and the following communications were made:

- On the living age of Śākaya-muni. Comparing with those of Confucius and Sokrates . . . . . Ryusho HIKATA, M. J. A.  
 Über Verfassungsgerichtsbarkeit . . . . . Jiro TANAKA, M. J. A.  
 Perturbation of domains and Green kernels of heat equations. III . . . . . Shin OZAWA  
 On unimodal linear transformations and chaos . . . . . Shunji ITO, Shigeru TANAKA, and Hitoshi NAKADA  
 Parametrix for a degenerate parabolic equation . . . . . Chisato IWASAKI and Nobuhisa IWASAKI  
 A note on the blowup-nonblowup problems in nonlinear parabolic equations . . . . . Nobutoshi ITAYA  
 Convergence of approximate solutions to quasi-linear evolution equations in Banach spaces . . . . . Nobuhiro SANEKATA  
 Identities  $E-2$  and exponentiality . . . . . J. CLARKE, R. PFIEFER, and Takayuki TAMURA  
 Isomorphism criterion and structure group description for  $\mathcal{N}$ -semigroups . . . . . James M. LORD  
 Above seven, communicated by Kōsaku YOSIDA, M. J. A.  
 A generalization of Cauchy-Riemann equations on a Riemannian symmetric space and the  $H^p$  space theory . . . . . Kōichi SAKA  
 Communicated by Kunihiko KODAIRA, M. J. A.  
 Thalamic afferents to the anterior part of the lateral gyrus in the cat studied by retrograde axonal transport of horseradish peroxidase . . . . . Kahee NIIMI, Hiroaki MATSUOKA, and Hiroshi MATSUMOTO  
 Communicated by Shigeo TAKAHARA, M. J. A.  
 On the  $B$  gene-associated  $\alpha$ -galactosyltransferase in human urine . . . . . Hisao TAKIZAWA, Koichiro KISHI, and Shoei ISEKI, M. J. A.  
 Stability of soluble HLA antigens in plasma . . . . . Koichi YOSHIMURA, Kazuhiro TAKAHAMA, Masaaki HARA, Hiroshi NAKAMURA, Jun-ichi YANAGIDA, and Hayato HASEKURA  
 Communicated by Shoei ISEKI, M. J. A.  
 Radiosensitization of mouse L cells by an organic nitroxyl free radical under an extremely hypoxic condition . . . . . Kihei KUBO, Yuh H. NAKANISHI, and Giichi YOSHII  
 Further cytogenetical studies on the origin of the gold-fish . . . . . Yoshio OJIMA and Akinori TAKAI  
 Notes on the distribution of the Ceylonese type black rats in Sri Lanka . . . . . Tosihide H. YOSIDA, Kazuo MORIWAKI, Hatao KATO, Kimiyuki TSUCHIYA, Mano SABARATNAM, K. D. ARULPRAGASAM, and H. E. FERNANDO  
 Above three, communicated by Sajiro MAKINO, M. J. A.  
 Effects of Neomycin on the lateral-line organ of the mudpuppy . . . . . Kouichi SHIOZAWA and Keiji YANAGISAWA

Immunofluorescent staining of tubulin in the squid giant axon . . .	
. . . . .	Tohru YOSHIOKA, Hidenori
	HORIE, Toshifumi TAKENAKA, Hiroko INOUE, and Kimie INOMATA
Holocene raised coral reef on Senkaku Islands. An active remnant arc	
. . . . .	Kenji KONISHI, Itsuro OSHIRO, and Takeo TANAKA
	Communicated by Teiichi KOBAYASHI, M. J. A.
On some periodic 4-transitive permutation groups . . . . .	
. . . . .	Mitsuo YOSHIZAWA
On the number of conjugate classes of maximal subgroups in finite	
groups . . . . .	Mikio KANO
	Above two, communicated by Shokichi IYANAGA, 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. Sin-itiro TOMONAGA, M. J. A., had died on July 8, 1979; Dr. Yuzuru OKUDA, M. J. A., on August 1, 1979; Dr. Isoji Aso, M. J. A., on September 9, 1979; the members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Takahiko YAMANOUCI, M. J. A., paid a high tribute to the late Dr. Sin-itiro TOMONAGA'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, a report was made by Dr. Tatsuro YAMAMOTO, M. J. A., on his mission to the 53rd Session of the International Union of Academies held in Bern in June this year.

The Meeting adjourned at 4:30 p.m.

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