

## PROCEEDINGS AT THE 805TH GENERAL MEETING

The 805th General Meeting of the Academy was held on Monday, January 12, 1987, at 1:00 p.m., Dr. Toshio KUROKAWA, President, taking the chair. One hundred and five members were present, and the following communications were made:

- The Ombudsman . . . . . Kiyooki TSUJI, M. J. A.  
 Bradshaw and the Railway Age in Britain . . . . .  
 . . . . . Yoshitaka KOMATSU, M. J. A.  
 Super oscillatory integrals and a path-integral for a non-relativistic  
 spinning particle . . . . . Atsushi INOUE and Yoshiaki MAEDA  
 $A \geq B \geq 0$  iff  $(B^r A^p B^r)^{1/q} \geq B^{(p+2r)/q}$  for  $r \geq 0, p \geq 0, q \geq 1$  with  $(1+2r)q \geq p$   
 $+2r$  . . . . . Takayuki FURUTA  
 On the Cauchy-Kowalewski theorem for characteristic initial surfaces  
 . . . . . Katsuju IGARI  
 Above three, communicated by Kôzaku YOSIDA, M. J. A.  
 Cytogenetic studies of Hynobiidae (Urodela). VIII. Chromosome vari-  
 ations in two pond-type *Hynobius*, *Hynobius lichenatus* Boulenger and  
*Hynobius tokyoensis* Tago . . . . .  
 . . . . . Masaki KURO-O, Chikako IKEBE, and Sei-ichi KOHNO  
 Cytogenetical study on the new myeloproliferative disorder, L-8313,  
 found in the irradiated mouse . . . . . Isamu HAYATA, Kazuko  
 YOSHIDA, Tomohiko ICHIKAWA, Yayoi HIRANO, and Masatoshi SEKI  
 Comparative studies of karyotypes and distributions of nucleolus organ-  
 izer regions in pomacentrid fishes. I . . . . .  
 . . . . . Akinori TAKAI and Yoshio OJIMA  
 B chromosomes in a male of *Xenicotela pardalina* (Bates) (Coleoptera:  
 Cerambycidae), with special regard to their association at MI . . .  
 . . . . . Hirokazu KIDO and Kazuo SAITOH  
 The chromosome in the primitive or microlepidopterous moth-groups. I  
 . . . . . Akito KAWAZOÉ  
 Effect of deoxynucleosides on the frequency of sister chromatid ex-  
 changes in Bloom syndrome cells . . . . . Yukimasa SHIRAISHI  
 Above six, communicated by Sajiro MAKINO, M. J. A.  
 Trinitrobenzene sulfonic acid (TNBS) increases transmitter release at  
 the frog neuromuscular junction . . . . .  
 . . . . . Noriko TANABE, Hiromasa KIJIMA, and Juro MARUHASHI  
 Communicated by Yasuji KATSUKI, M. J. A.  
 The earth-movements of the Akiyoshi stage. The developments of the  
 Japanese Islands. II . . . . . Toshio KIMURA  
 Note on *Pachydesmoceras*, a Cretaceous ammonite genus . . . . .  
 . . . . . Tatsuhiro MATSUMOTO  
 Above two, communicated by Teiichi KOBAYASHI, M. J. A.  
 A new platelet-specific alloantigen system, Yuk<sup>a</sup>/Yuk<sup>b</sup> is located on  
 platelet membrane glycoprotein IIIa . . . . .  
 . . . . . Yoichi SHIBATA and Hiroshi MORI  
 Communicated by Setsuro EBASHI, M. J. A.  
 Structures paragraduées (groupes, anneaux, modules). III . . . . .  
 . . . . . Marc KRASNER et Mirjana VUKOVIĆ

- On coprime integral solutions of  $y^2=x^3+k$  . . . . . Shoichi KIHARA  
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- Variations of pseudoconvex domains in the complex manifold . . . . .  
 . . . . . Hiroshi YAMAGUCHI
- Commutator relations in Kac-Moody groups . . . . . Jun MORITA
- Connections for vector bundles over quaternionic Kähler manifolds . . . . .  
 . . . . . Takashi NITTA
- Above three, communicated by Kunihiko KODAIRA, M. J. A.
- Bacterial attachment to the epipelagic copepod *Acartia* and the bathypelagic copepod *Calanus* . . . . .  
 . . . Sachiko NAGASAWA, Makoto TERAZAKI, and Takahisa NEMOTO  
 Communicated by Naohide HIRATSUKA, M. J. A.

Before the communication of papers, the Chairmen of each Section introduced the following newly elected members:

Section I: Hisayuki OMODAKA, Tsugio MIKAMI, Rokurō KŌNO, Tetsu ISOMURA, Sueo IKEHARA, Hisao KUMAGAI, Keiichiro NAKAGAWA.

Section II: Hisanao HATAKEYAMA, Yuichi YAMAMURA.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, the President announced that Dr. Takeo WATANABE, M. J. A., had passed away on December 18, 1986; Dr. Hamao UMEZAWA, M. J. A., on December 25, 1986. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Yoshiaki ISHIZUKA, M. J. A., and Dr. Takezo KANEKO, M. J. A., paid a tribute of admiration to the late Dr. Seijin NAGAO's and the late Dr. Yōkichi YAJIMA's meritorious services to academic circles.

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

After that, the President reported that Dr. Yoshitake OKA, M. J. A., was elected Chairman of Section I and Dr. Yoshio FUJITA, M. J. A., Chairman of Section II at the respective Sectional Meetings.

Finally, the President made a report on the activities of the Academy in 1986.

The Meeting adjourned at 5:30 p.m.

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