

## PROCEEDINGS AT THE 884TH GENERAL MEETING

The 884th General Meeting of the Academy was held on Monday, December 12, 1994, at 1:00 p.m., Dr. Yoshio FUJITA, President, taking the chair. Eighty-seven members were present, and the following communications were made:

- Painting is a job of the ignoble person . . . . . Kei SUZUKI, M. J. A.  
 Free will as a fiction . . . . . Saburo KURUSU, M. J. A.  
 Synthesis of both the enantiomers of 4-methyl-1-nonanol, the sex pheromone of  
 the yellow mealworm . . . . . Takeshi KITAHARA and Seung-Hyun KANG  
 Communicated by Masanao MATSUI, M. J. A.  
 Inter-basepair hydrogen bonds in DNA . . . . . Masashi SUZUKI and Naoto YAGI  
 A possible new zipper structure and DNA-binding of the huntington's disease  
 protein . . . . . Masashi SUZUKI  
 Unique structure of the DNA binding domain of interferon regulatory factor 2  
 determined by NMR spectroscopy . . . . . Koichi UEGAKI, Masahiro SHIRA-  
 KAWA, Hisashi HARADA, Tadatsugu TANIGUCHI, and Yoshimasa KYOGOKU  
 Above three, communicated by Setsuro EBASHI, M. J. A.  
 Abundance analyses of HD 121447 and R CMi (II) . . . . . Kazuhiko UTSUMI  
 Communicated by Yoshio FUJITA, M. J. A.  
 A new model of the excess Gibbs energy of mixing for a regular solution . . . . .  
 . . . . . Yasushi KAKUDA, Etsuo UCHIDA, and Naoya IMAI  
 Communicated by Syun-iti AKIMOTO, M. J. A.  
 Note on global existence for axially symmetric solutions of the Euler system . . .  
 . . . . . Taira SHIROTA and Taku YANAGISAWA  
 Convolution semigroups of stable distributions over a nilpotent Lie group . . . . .  
 . . . . . Hiroshi KUNITA  
 Above two, communicated by Kiyosi ITÔ, M. J. A.  
 Purification of actin based motor protein from *Chara corallina* . . . Keiichi YAMA-  
 MOTO, Munehiro KIKUYAMA, Noriko SUTOH-YAMAMOTO, and Eiji KAMITSUBO  
 Communicated by Noburô KAMIYA, M. J. A.  
 Interferon- $\gamma$  as a marker for the effective cancer immunotherapy with BCG-cell  
 wall skeleton . . . . . Akira HAYASHI  
 Communicated by Kumao TOYOSHIMA, M. J. A.  
 Approximate estimation of the degree of lanthanide tetrad effect from precise but  
 partially void data measured by isotope dilution and an electron configuration  
 model to explain the tetrad phenomenon . . . . .  
 Akimasa MASUDA, Naoko MATSUDA, Masayo MINAMI, and Hiroshi YAMAMOTO  
 Communicated by Kazuo YAMASAKI, M. J. A.  
 Amplification of paulownia phytoplasma DNA fragments by random primed-PCR  
 . . . . . Qihong ZHONG and Chuji HIRUKI  
 Communicated by Naohide HIRATSUKA, M. J. A.  
 Triangles and elliptic curves. III . . . . . Takashi ONO  
 On the rational approximations to  $\tanh \frac{1}{k}$ . II . . . . . Takeshi OKANO  
 On Jacobi-Perron algorithm . . . . . Hiroko TACHII  
 Hilbert spaces of analytic functions associated with generating functions of  
 spherical functions on  $U(n)/U(n-1)$  . . . . . Shigeru WATANABE  
 Above four, communicated by Shokichi IYANAGA, M. J. A.  
 A nobel point mutation of the *RET* proto-oncogene in small cell lung carcinoma  
 cell lines . . . . . Hitoyasu FUTAMI, Shin-ichi EGAWA, and Ken YAMAGUCHI  
 Communicated by Takashi SUGIMURA, 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, the President announced that Dr. Kin-ichiro SAKAGUCHI, M. J. A., had passed away on December 9, 1994. The members rose from their seats in silence, expressing profound sense of grief.

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

Finally, the recommendations of both Sections for the new Membership of the Academy, were accepted unanimously. The new members elected are:

Section I: Yoshitaka IRIYA (Chinese Philology and Literature, Chinese Zen Buddhism), Shuzo SHIGA (East Asian Legal History), Shigeru ODA (International Law).

Section II: Isao IMAI (Physics of Fluids, Mathematical Physics), Teruaki MUKAIYAMA (Organic Chemistry), HIDESATO ITÔ (Mechanical Engineering, Fluids Engineering), Toshitsugu ODA (Internal Medicine), Hiroo IMURA (Internal Medicine).

The Meeting adjourned at 4:40 p.m.

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