

PROCEEDINGS AT THE 885TH GENERAL MEETING

The 885th General Meeting of the Academy was held on Thursday, January 12, 1995, at 1:00 p.m., Dr. Yoshio FUJITA, President, taking the chair. Eighty-three members were present, and the following communications were made:

- Structure of norm for dispute resolution—In the light of rapid development of ADR— Akira MIKAZUKI, M. J. A.
- Characteristics of the MITI policy Mikio SUMIYA, M. J. A.
- Norharman and harman in human urine Hirofumi USHIYAMA, Atsuko OGURI, Yukari TOTSUKA, Hajime ITOH, Takashi SUGIMURA, M. J. A., and Keiji WAKABAYASHI
- Molecular shape of dystrophin with special references to type VI collagen Takei KAKE, Thomas SPISSINGER, Osamu SATO, Sumiko KIMURA, and Koscak MARUYAMA
- Transcription factors, Myb and LexA, discriminate between DNA sequences by the same recognition mechanism Masashi SUZUKI
- Three-dimensional structure of 2,3-dihydroxybiphenyl dioxygenase (BphC enzyme) from *Pseudomonas* sp. strain KKS102 having polychlorinated biphenyl (PCB)-degrading activity Kazuyuki SUGIYAMA, Toshiya SENDA, Hiroki NARITA, Takeshi YAMAMOTO, Kazuhide KIMBARA, Masao FUKUDA, Keiji YANO, and Yukio MITSUI
- Orientation of sperm DNA under a magnetic field Masashi SUZUKI and Haruki NAKAMURA
- Zipperless bZips and zipped homeodomains Masashi SUZUKI and Rarael GIRALDO
- Above five, communicated by Setsuro EBASHI, M. J. A.
- Self-assembly of hydrophobized polysaccharide. Structure of hydrogel nanoparticle and complexation with organic compounds Kazunari AKIYOSHI Shigeru DEGUCHI, Hitoshi TAJIMA, Takehiro NISHIKAWA, and Junzo SUNAMOTO
- Communicated by Seizo OKAMURA, M. J. A.
- Synthesis of natural (+)-methyl tuberone, (–)-jasmine ketolactone and its epimer Tsunehiro NISHI and Takeshi KITAHARA
- Communicated by Masanao MATSUI, M. J. A.
- A simple way to identify functional sites in protein. I. Functional sites of trypsin . . . Yukio KIHŌ
- A simple way to identify functional sites in protein. II. Interaction of Trypsin and its Substrate . . . Yukio KIHŌ
- Above two, communicated by Yoshio OKADA, M. J. A.
- Experimental studies on behaviors of lanthanides in interaction between water and basaltic rock grains. Bearings of tetrad effect on conditions Masayo MINAMI, Naoko MATSUDA, and Akimasa MASUDA
- Communicated by Kazuo YAMASAKI, M. J. A.
- Stable limit distributions over a nilpotent Lie group Hiroshi KUNITA
- On the definition of the virtanen property for Riemannian manifolds Mitsuru NAKAI
- The degree function for cellular dynamics Takao NAMIKI
- A construction of exceptional simple graded Lie algebras of the second kind . . . Satoshi GOMYO
- Above four, communicated by Kiyosi ITŌ, M. J. A.
- Rejuvenation of 130 m.y.-old fabrics on the outer wall of the western Kuril Trench Kazuo KOBAYASHI, Kensaku TAMAKI, Masao NAKANISHI, Jun KORENAGA, and Yujiro OGAWA
- Communicated by Yoshibumi TOMODA, M. J. A.
- From universe to human brain Minoru ODA, M. J. A.
- Dihedral extensions of degree 8 over the rational p -adic fields Hirotada NAITO
- On arithmetic of certain matrix algebras Hisaichi MIDORIKAWA
- A table of absolute norms of heilbronn sums Ken YAMAMURA

The restriction of $A_q(\lambda)$ to reductive subgroups. II. Toshiyuki KOBAYASHI
 Above four, communicated by Shokichi IYANAGA, M. J. A.

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

Section I: Yoshitaka IRIYA, Shuzo SHIGA, and Shigeru ODA.

Section II: Isao IMAI, Teruaki MUKAIYAMA, Hidesato ITÔ, Toshitsugu ODA, and Hiroo IMURA.

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. Seiji TANAKA, M. J. A., had passed away on December 23, 1994; Dr. Kiyoo WADATI, M. J. A., had passed away on January 5, 1995; Dr. Benjamin Peary PAL, Honorary Member, had passed away on September 14, 1989. The members rose from their seats in silence, expressing profound sense of grief.

Next, Osamu HAYAISHI, M. J. A., and Dr. Jun-ichi TOMIZAWA, M. J. A., paid a tribute of admiration to the late Dr. Shigeru TAKAHARA's and the late Dr. Motoo KIMURA's meritorious services to academic circles, respectively.

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

Finally, the President made a report on the activities of the Academy in 1994.

The Meeting adjourned at 4:50 p.m.

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PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

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