

## PROCEEDINGS AT THE 886TH GENERAL MEETING

The 886th General Meeting of the Academy was held on Monday, February 13, 1995, at 1:00 p.m., Dr. Yoshio FUJITA, President, taking the chair. Eighty-five members were present, and the following communications were made:

- Novalis—Die Welt wird Traum, der Traum wird Welt . . . . . Masami TOBARI, M. J. A.  
 Constitutional review in Europe . . . . . Nobuyoshi ASHIBE, M. J. A.  
 Direct observation of surface morphology and surface viscoelastic properties of polymeric solids  
 based on scanning force microscopy . . . . .  
 . . . . . Tisato KAJIYAMA, Isao OHKI, Keiji TANAKA, Shou-Ren GE, and Atsushi TAKAHARA  
 Communicated by Seizo OKAMURA, M. J. A.  
 Effects of water on seismic wave velocities in the upper mantle . . . . . Shun-ichiro KARATO  
 Communicated by Yoshibumi TOMODA, M. J. A.  
 A new phase of natural feldspar,  $An_xOr_{100-x}$ ,  $x \approx 50$  . . . . . Tokuhei TAGAI and Takeshi HOSHI  
 Communicated by Ryoichi SADANAGA, M. J. A.  
 Breakdown of self-incompatibility in *Brassica* by the antisense RNA of the *SLG* gene . . . . .  
 . . . . . Hiroshi SHIBA, Kokichi HINATA, Akinori SUZUKI, and Akira ISOGAI  
 Communicated by Saburo TAMURA, M. J. A.  
 Scrutiny of application of the quadratic curves to the lanthanide tetrad effects in two organic solvent  
 extraction systems . . . . . Akimasa MASUDA  
 Communicated by Kazuo YAMASAKI, M. J. A.  
 DNA discrimination by Gal4 and other C6 zinc cluster proteins . . Masashi SUZUKI and Naoto YAGI  
 Communicated by Setsuro EBASHI, M. J. A.  
 Comparison of DNA sequences of exon-4 or exon-5 in visual pigment genes between amphidromous  
 and landlocked Ayu-fish, *Plecoglossus altivelis* . . . . .  
 . . . . . Isamu SHIMIZU, Masaki UEDA, Katsuhiko SAKAMOTO, Osamu HISATOMI, and Fumio TOKUNAGA  
 Communicated by Seiji MOROHOSHI, M. J. A.  
 On certain Dirichlet series obtained by the product of Eisenstein series and a cusp form . . . . .  
 . . . . . Yoshio TANIGAWA  
 The Rankin's *L*-function and Heegner points for general discriminants . . . . . Yoshiki HAYASHI  
 On a Borsuk-Ulam theorem for Stiefel manifolds . . . . . Osamu YOKOYAMA  
 Above three, communicated by Heisuke HIRONAKA, M. J. A.  
 On some exceptional rational maps . . . . . Masashi KISAKA  
 On factors of automorphy of fractional weight for cocompact Fuchsian groups . . . Takashi KIUCHI  
 Above two, communicated by Kiyosi ITÔ, M. J. A.  
 Explicit representation of fundamental units of some quadratic fields . . . . . Koshi TOMITA  
 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, the President announced that Dr. Torataro SHIMOMURA, M. J. A., had passed away on January 22, 1995; Dr. Shirô HATTORI, M. J. A., had passed away on January 29, 1995; Dr. Adolf BUTENANDT, Honorary Member, had passed away on January 18, 1995. The members rose from their seats in silence, expressing profound sense of grief.

Next, Masanao MATSUI, M. J. A., paid a tribute of admiration to the late Dr. Kin-ichiro SAKAGUCHI's, meritorious services to academic circles.

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

The Meeting adjourned at 5:13 p.m.



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# PROCEEDINGS OF THE JAPAN ACADEMY

## SERIES A MATHEMATICAL SCIENCES

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