

PROCEEDINGS AT THE 914TH GENERAL MEETING

The 914th General Meeting of the Academy was held on Friday, December 12, 1997, at 1:03 p.m., Dr. Yoshio FUJITA, President, taking the chair. Ninety-one members were present, and the following communications were made:

- Von Hegels Vorlesungen über die Philosophie der Weltgeschichte (1) Koichi TSUJIMURA, M. J. A.
 Criminal responsibility Ryuichi HIRANO, M. J. A.
 Chemical reactions and magnetic fields. Expecting the development of spin chemistry
 Saburo NAGAKURA, M. J. A.
 Unique characteristics of the depth profile of lanthanide tetrad effect observed in the Southern Ocean . . .
 Akimasa MASUDA and Junji SHIMODA
 Communicated by Kazuo YAMASAKI, M. J. A.
 Force-expression of cardiac troponin I in C2C12 skeletal myoblasts suppresses myoblast fusion and induces
 actin bundle network formation
 Hidenori UZAWA, Naoji TOYOTA, Salma BEGUM, Yoshiaki MASUDA, and Yutaka SHIMADA
 The intracellular sorting of myosin essential light chain isoproteins in chicken fibroblasts
 Masatoshi KOMIYAMA, Muhammad Mujahid KHAN, and Yutaka SHIMADA
 Above two, communicated by Setsuro EBASHI, M. J. A.
 Limiting profiles of blow-up solutions of the nonlinear Schrödinger equation with critical power nonlinearity
 Hayato NAWA
 On the number of asymptotic points of holomorphic curves Nobushige TODA
 Above two, communicated by Kiyosi ITÔ, M. J. A.
 Synthesis of glycopeptide-conjugates *via* ring-opening polymerization of sugar-substituted α -amino acid *N*-
 carboxyanhydrides (GlycoNCAs) Masahiko OKADA, Keigo AOI, and Kaname TSUTSUMIUCHI
 Catalytic activity of lipid-coated enzymes in Organic Media Yoshio OKAHATA and Toshiaki MORI
 Above two, communicated by Seizo OKAMURA, M. J. A.
 A composite diapir model for extensive basaltic volcanism. Magmas from subducted oceanic crust entrained
 within mantle plumes Atsushi YASUDA, Toshitsugu FUJII, and Kei KURITA
 Communicated by Ikuo KUSHIRO, M. J. A.
 Equidimensional relatively stable reductive algebraic groups with simple commutator subgroups
 Haruhisa NAKAJIMA
 Quadratic twists of elliptic curves associated to the simplest cubic fields Dongho BYEON
 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, the President announced that Dr. Georg Friedrich MELCHERS, Honorary Member, had passed away on November 22, 1997. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Kazuo YAMASAKI, M. J. A., paid a tribute of admiration to the late Dr. Tokiti NODA's meritorious services to academic circles.

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: Kenji SHIMADA (Oriental History (Chinese History)), Tōru SAGARA (Ethics), Jun-ichi KYOGOKU (Political Science, Political Process), Tadashi KAWATA (International Political Economy, International Relations), Ken'ichi MIYAZAWA (Economics).

Section II: Yoshimasa HIRATA (Natural Products Organic Chemistry), Koichi HIWATASHI (Biology (Cell Biology, Genetics)), Jun KONDO (Physics), Hirotarō ŌTA (Architecture), Kimishige ISHIZAKA (Immunology).

The Meeting adjourned at 4:45 p.m.

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SERIES A MATHEMATICAL SCIENCES

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