PROCEEDINGS AT THE 904TH GENERAL MEETING

The 904th General Meeting of the Academy was held on Thursday, December 12, 1996, at 1:00 p.m., Dr. Yoshio FUJITA, President, taking the chair. Eighty-nine members were present, and the following communications were made:

Social background of Tibet issue . . . . Chie NAKANE, M. J. A.

On civil justice in Qing China . . . . Shuzo SHIGA, M. J. A.

Open problems left for science. From discussions at the Pontifical Academy of Sciences . . . . . .
. . . . Minoru ODA, M. J. A.

Melatonin study, classic and modern. Wataru MORI, M. J. A.

Accumulation of G_{M2} ganglioside in Niemann-Pick disease type C fibroblasts . . . .
. . . . Tamami YANO, Miyako TANIGUCHI,
Shinjiro AKABOSHI, Marie-Thèrése VANIER, Tadashi TAI, Hitoshi SAKURABA, and Kousaku OHNO
Communicated by Masanori OTSUKA, M. J. A.

Zeta functions of categories . . . . Nobushige KUROKAWA

Heegner points on modular elliptic curves . . . . Hajime NAKAZATO

Division polynomials of elliptic curves over finite fields. . . . . J. CHEON and S. HAHN

On the rank of the elliptic curve $y^2 = x^3 + k$. II. . . . . Shoichi KIHARA
Above four, communicated by Shokichi IYANAGA, M. J. A.

Effect of jadeite-content on the garnet-clinopyroxene geothermometer for an ultrahigh-pressure
eclogite complex . . . . Takao HIRAJIMA
Communicated by Syun-iti AKIMOTO, M. J. A.

Lanthanide tetrad effect and epsilon Nd to characterize two water column profiles in the western
North Pacific. . . . . Akimasa MASUDA and Junji SHIMODA
Communicated by Kazuo YAMASAKI, M. J. A.

Un théorème d'unicité pour les distributions sphériques sur l'espace tangent à un espace symétrique
. . . . Charles TOROSSIAN

On Bloch-to-Besov composition operators . . . . Shamil MAKHMUTOV

Property C with constraints for PDE . . . . A. G. RAMM
Above three, communicated by Kiyosi ITÔ, M. J. A.

Totally real minimal submanifolds in a quaternion projective space . . . . LIU Ximin

The structure of subgroup of mapping class groups generated by two Dehn twists . . . .
. . . . Atsushi ISHIDA
Above two, communicated by Heisuke HIRONAKA, M. J. A.

Time-delayed response of the solar total irradiance variation to long-term solar magnetic cycle
amplitude modulation as inferred by sunspot relative number and isotope data of ^{10}Be in the
Greenland ice core and land air temperature variation of the Earth . . . . Hirokazu YOSHIMURA
Communicated by Yoshio FUJITA, 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, Dr. Yunoshin IMAI, M. J. A., paid a tribute of admiration to the late Dr. Ryukiti HASHIGUTI's meritorious services to academic circles.

Next, 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: Kota KODAMA (Japanese History), Hiroshi NAGAI (Philosophy, Philosophy of Science), Eiichi HOSHINO (Civil Law), Akio TAKEUCHI (Commercial Law).

Section II: Tatsuro MATSUMOTO (Geology), Hiroo INOKUCHI (Physical Chemistry), Seiya UYEDA (Geophysics), Hiromu SUZUKI (Mechanical Engineering (Plastic Working of Metal)), Takeo YOKOBORI (Mechanical Engineering, Materials Engineering), Takao INUI (Naval Architecture (Ship Hydrodynamics)), Hiroshi INOSE (Information and Communication Engineering), Kiyoshi HAMA (Anatomy).

The Meeting adjourned at 5:00 p.m.

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PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A
MATHEMATICAL SCIENCES

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Papers Communicated:—